

# 2022 Annual Monitoring Report and Periodic Review Report

## Location:

Former Utility Platers /  
Kingston Diagnostics  
NYSDEC BCP Site No. C356035  
167 Schwenk Drive  
City of Kingston  
Ulster County, New York

## Prepared for:

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LaBella Project No. CZ41103.20

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## 1.0 EXECUTIVE SUMMARY

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On behalf of Woodhaven National Management, LLC, LaBella Associates, DPC (LaBella) provides Operations, Maintenance, and Monitoring (OM&M) support for existing remedial systems at the former Utility Platters, Inc./Kingston Diagnostics facility in Kingston, New York (the "Site"). The Site is identified as Brownfield Cleanup Program (BCP) Site No. C356035 and currently houses a CVS pharmacy. A Site Location Map is included as **Figure 1**.

This Periodic Review Report summarizes site conditions as of early April, 2022, and recent on-site treatment system data with respect to the Remedial Action Objectives for the Site and the results, analysis, and conclusions for system operations parameters data and environmental media sampling, collected for the period July 1, 2021 through July 1, 2022. The Site Management Periodic Review Report Notice and Institutional and Engineering Controls Certification Form, signed appropriately, are attached in **Appendix B**.

This PRR also includes presentation of an *in-situ* groundwater program treatment conducted in late April, 2022 for which the 2023 PRR submission will provide post-treatment groundwater treatment sample data.

### 1.1 Remedial History

The historic remedy for this site included the 2009 removal of volatile organic compound (VOC) impacted soils from beneath the former on-site Utility Platters building and adjacent areas, the closure and removal of three fuel oil underground storage tanks (USTs) and related petroleum impacted soil, the installation of a sub-slab depressurization (SSDS) system beneath the constructed CVS building, and construction of an impermeable site soil cover system. Trichloroethylene (TCE), associated daughter products, and select metals are primary site compounds of concern. Substantial dissolved phase 1,2, dichloroethylene is present on the site, reflecting ongoing active natural attenuation / de-chlorination of historic site TCE.

### 1.2 Effectiveness of Remedial Program

- Source soil was removed in 2009. Remaining VOC concentrations in soils at the excavation margin were mostly below Part 375 Restricted Residential Use (RRU) Soil Cleanup Objectives (SCOs).
- Post-remedy groundwater monitoring for CVOCs and dissolved priority pollutant metals suggests that associated remaining groundwater quality impacts are substantially confined to the site. All data are posted on **Table 2**.
  - MW-1 is situated nearest to the perimeter of the former source area. Total CVOC concentrations have frequently averaged over 50,000 parts per billion (ppb). These impacts are extremely localized, as indicated by surrounding monitoring points (**Figure 2**).
    - LaBella conducted a targeted *in-situ* chemical reduction program in late April 2022 to address the CVOC concentrations near MW-1. This program is described in detail later in this report. Post-treatment groundwater sampling data will be included in the next issue of **Figure 2**, in the 2023 PRR.



- MW-2 lies in a downgradient site boundary location. CVOC impacts in MW-2 have consistently been less than 50 ppb since 2015. The CVOC concentration have been essentially non-detectable since June 2020 (0.21 ppb in March 2021). A water level datum from new site perimeter well MW-8 installed in late April 2022, as well as water level data from MW-7 suggest groundwater flow from the vicinity of MW-1 likely migrates in the direction of MW-2 (**Figure 3**)
- MW-5 is cross gradient to former source areas. CVOCs in groundwater rose through 2015 and then fell back to vary about an average of approximately 100 ppb. The April 2022 total CVOC concentration was 54.04 ppb.
- Dissolved metals in groundwater have generally decreased over time in perimeter monitoring locations.
- The operational condition of the SSDS is observed twice annually and screened with a photo-ionization detector. Results indicated operational equipment conditions. The most recent post-remedy indoor air sampling was conducted in April 2022, confirming effectiveness of the SSDS. Per correspondence with NYSDEC allowing a reduced air sampling schedule, the next routine post-remedy air sample will be collected in April 2027.
- The site cover system remains in place to prevent human or ecological contact with soils or groundwater. The cover system consists of a building footprint and pavement.

### 1.3 Compliance

The SSDS has been operating as intended/designed, no breaching of the impermeable soil cover has been observed, and groundwater monitoring wells remain operational. The SSDS system was operating normally during the site inspection conducted during this monitoring period.

### 1.4 Recommendations

LaBella recommends continued semi-annual monitoring of three wells MW-1, MW-2 and MW-5 in accordance with the current monitoring and inspection schedule, sufficient to monitor the continuing CVOC and metals attenuation occurring at this Site.

New monitoring well MW-8 was installed in April 2022 prior to advancing the targeted chemical injection program. This new well is located southeast of MW-1. Along with MW-7, it serves as a site perimeter sentinel well. LaBella recommends semi-annual monitoring of well MW-7 and MW-8 for at least one year following the recent injection program near MW-1 to help monitor responses to the April 2022 chemical injection event.

The SSDS appears to be functioning as designed/expected and no alterations are recommended at this time. As the required frequency of air quality sampling has been reduced to once every five years per the schedule defined in the SMP, the next air quality sample is now due in March/April 2027.



## 2.0 SITE OVERVIEW

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### 2.1 Site Location and Pre-Remedy Conditions

The site is a 1.73-acre parcel located in a commercial area of the City of Kingston, Ulster County, New York. The site is bounded by Schwenck Drive to the north, Trailways Bus Terminal to the south, the former Esposito's Dry Cleaning to the east, and Washington Avenue to the west. The current main site features include one commercial retail building occupied as a CVS retail store and pharmacy. A Site Layout Map is included as **Figure 2**. The site formerly contained a masonry block structure known as Utility Platers and a commercial medical office building known as Kingston Diagnostics.

Prior uses of the Site, primarily handling/storage/disposal practices at the former Utility Platers facility, appear to have resulted in impacts to on-site soils and groundwater from the release of the chlorinated solvents trichloroethylene (TCE). TCE as well as daughter products 1,2-dichloroethylene (1,2-DCE) and vinyl chloride (VC) are now present on site. Groundwater impacts extended from the Utility Platers parcel onto the adjacent Kingston Diagnostics parcel, both of which were combined to form the BCP site currently occupied by the CVS retail/pharmacy facility.

### 2.2 Chronology of Historic Remedial Program

The historic site remedy was implemented by DT Consulting Services, Inc. in accordance with the NYSDEC-approved Interim Remedial Measure Work Plan dated July 2009. The following is a summary of Remedial Actions and IRMs performed at the site in the BCP:

- Excavation of soil and fill exceeding Restricted-Residential Use (RRU) Soil Cleanup Objectives (SCOs) encountered during historical site investigations including during the remedial investigation (RI). Impacted materials were excavated from areas beneath and downgradient of the former Utility Platers facility to a depth of 10 to 12 feet below the ground surface (bgs) totaling 4,563 tons of material excavated and removed from the site (September 2009).
- Closure and removal of three No. 2 fuel oil underground storage tanks (USTs) and excavation and removal of approximately 350 tons of related petroleum-impacted soil (September 2009).
- Installation of a Sub-slab Depressurization System (SSDS) to remove VOC vapors from beneath the newly completed site structure (June 2010).
- Construction and maintenance of a soil cover system consisting of asphalt pavement to prevent infiltration of storm water into the plume area, to prevent human exposure to remaining impacted soil/fill at the site, and to extend an impermeable surface over the SSDS footprint for vapor control optimization.
- Execution and recording of an Environmental Easement to restrict land use to prevent future human and environmental exposure to residual site contaminants.
- Development and implementation of a Site Management Plan (SMP) for long term management of remaining impacts as required by the Environmental Easement including: 1) Institutional and Engineering Controls; 2) Monitoring; 3) Operation and Maintenance of the SSDS; and 4) Reporting.

These remedial activities were completed between September 2009 and October 2010.



### 3.0 REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

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#### 3.1 Recent Routine Groundwater Monitoring

Routine groundwater monitoring supportive of the 2022 PRR was conducted in accordance with the Department-approved SMP dated September 2010, the Certificate of Completion (COC) dated December 3, 2010 and correspondence from NYSDEC dated September 18, 2013. Semi-annual monitoring events included the collection and analysis of groundwater from four on-site monitoring wells (MW-1, MW-2, MW-5 and MW-7, see **Figure 2**). The April 2022 annual sampling event also included samples from one new monitoring well (MW-8) and three existing injection wells (IW-1, IW-2 and IW-3), as described in Section 3.2, below.

Groundwater samples were most recently collected on November 9, 2021 and April 4, 2022, using methodologies consistent with the approved Field Sampling Plan (FSP). The FSP was modified in 2018 following Department approval to switch from purging/sampling wells via disposable bailers to low-flow sampling techniques using a peristaltic pump. The field sampling sheets are in **Appendix A**. Samples were collected in laboratory-provided sample jars and immediately chilled. Duplicate samples were also collected from MW-1 during both sampling events.

The groundwater samples from wells MW-1, MW-2 and MW-5 were analyzed for VOCs via USEPA Method 8260 and for priority pollutant metals via USEPA Methods 6010 and 7473. The samples from well MW-7 were each only analyzed for VOCs via USEPA Method 8260. The SMP also included the sampling of semi-volatile organic compounds (SVOCs); however, based on the general absence of SVOCs detected in historic groundwater samples and the low solubility of SVOCs in groundwater, the Department previously agreed to exclude SVOCs analyses from the post-COC sampling events. The laboratory provided ASP Category A deliverable data packages, which were submitted for data validation to Laboratory Data Consultants (LDC) of Carlsbad, California. The laboratory reports and DUSR (for the November 2021 data) are attached electronically in **Appendix C**. The DUSR for the April 2022 data is not completed yet and will be forwarded once received and reviewed.

- **Table 2** compares groundwater sampling results to groundwater quality standards and total CVOC concentrations are shown on **Figure 2**.
- Groundwater monitoring for CVOCs and dissolved priority pollutant metals suggests that associated remaining groundwater quality impacts are substantially confined to the site. All data are posted on **Table 2**.
  - MW-1 is situated nearest to the former source area. Total CVOC concentrations have averaged over 50,000 ppb since 2019. Impacts are localized, as indicated by sampling in adjacent site perimeter well MW-7 with total CVOCs less than 60 ppb, equal to approximately 0.1% of concentrations in MW-1.
  - MW-2 lies in a downgradient site boundary location. CVOC impacts in MW-2 have consistently been less than 50 parts per billion (ppb) since 2015. The CVOC concentrations have been essentially non-detectable since June 2020 (1.63 ppb in April 2022)
  - MW-5 is cross gradient to former source areas. CVOCs in groundwater rose through 2015 and then fell back to vary about an average of approximately 100 ppb. The April 2022 total CVOC concentration was 54.04 ppb.



Analytical results show some metals concentrations greater than groundwater quality standards but generally within or below historic ranges for these analytes. Metals results for well MW-1 were all within historic ranges. Concentrations of cadmium, chromium and nickel exceeding Part 703 groundwater standards are interpreted to most likely result from slightly elevated sample turbidity (83.6 NTU). Wells MW-2 and MW-5 each exhibited metals results below Part 703 standards. These results continue to suggest that metals concentrations are stable or slowly attenuating at this site, and that un-filtered metals results (at MW-1, April 2022) may have been influenced by slight sample turbidity.

### **3.2 April 2022 Targeted Chemical Injection Program**

In correspondence dated September 16, 2021, the NYSDEC requested a work plan be prepared to “evaluate and address the CVOCs detected around MW-1”. To that end, LaBella prepared and submitted a work plan on February 3, 2022 to conduct a targeted chemical injection program in the area around MW-1. Three injection wells pre-installed during a 2018 investigation of the MW-1 area were proposed for this use, and a new perimeter sentinel well MW-8 was installed as part of the 2022 work plan. MW-8 was installed on April 4, 2022 and included the semi-annual sampling event conducted on April 4 and 5, 2022, along with redevelopment and sampling of the three injection wells surrounding MW-1 previously installed in 2018.

#### *3.2.1 Injection Well Construction*

In 2018, each injection well was advanced by a Geoprobe® to a depth of 25 feet and constructed of one-inch diameter PVC. Each well consists of 5 feet of 0.010-slot screen with 20 feet of solid PVC riser. Sand was installed to one foot above the top of the screen, with a granular bentonite seal emplaced from the top of the sand to grade. The injection wells were finished with flush-mount manholes.

As described below, IW-1, IW-2, and IW-3 were redeveloped and sampled on April 4 prior to being used for chemical injection purposes on April 25/26, 2022.

#### *3.2.2 Chemical Injection Plan*

LaBella's work plan called for a blend of remedial chemicals to be injected into each of these three wells. This blend consisted of three products manufactured by Regenesys Inc, of San Clemente, CA:

- S-micro ZVI – a sulfidated micron-scale zero-valent iron product, designed to break down chlorinated compounds via direct reaction as well as stimulating anaerobic reductive de-chlorination.
- 3D MicroEmulsion (3DME): an electron donor emulsion, intended to accelerate reductive de-chlorination and help the ZVI spread throughout the soil in the target area.
- Bio-dechlor Inoculum (BDI) plus: a blend of anaerobic microbes and enzymes utilized to drive reductive de-chlorination.





The ZVI and 3DME were to be mixed with water in a 330-gallon IBC tote, and injected into each well, with the BDI Plus culture slip-streamed in via nitrogen-pressurized feed. The intention of the injection program was to yield a long-term “extended release” remedial effect, with an expected lifetime of 3 to 4 years.

LaBella initially allocated the chemicals in even shares of 33% to each of the three injection wells, but recommended developing and sampling the injection wells, such that the results could be used to adjust injection volumes to concentrate chemical agents in the location(s) of higher CVOC impacts.

The NYSDEC accepted the work plan, with the request that one additional monitoring well be installed southeast of MW-1 and injection well IW-1, such that it might be more directly downgradient of MW-1. This new well was also to be sampled prior to the injection event, so that its suitability as a potential long-term monitoring point could be evaluated.

### *3.2.3 Installation and Sampling of New Well MW-8 and Sampling of Injection Wells*

The requested new monitoring well (MW-8, see **Figure 2**), was installed on April 4, 2022, coincident with the annual sampling event. Core Down Drilling, or Brewster, NY was engaged to mobilize a Geoprobe drill rig to the site to set this new well. No soil sampling was requested or performed at this time. Temporary steel casing with an expendable point were driven to a depth of 30 feet below grade, and a one-inch PVC monitoring well was installed. This well consisted on 20 feet of 0.010-slot screen and 10 feet of solid PVC riser. Sand was installed to 2 feet above the top of screen, with a granular bentonite seal extending to grade. This well (MW-8) was finished with a flush-mount manhole. Well MW-8 and the three injection wells were each also developed and sampled on April 4, 2002.

Well MW-8 was developed using a peristaltic pump with newly dedicated down-well polyethylene and silicone pump-head tubings. The tubing was surged periodically to disturb sediments in the bore and the well was pumped continuously until 10 standing well volumes had been removed and water had significantly cleared. A sample was then immediately obtained for VOC analysis via USEPA Method 8260.

Each of the three injection well (IW-1, IW-2, IW-3) were also developed with similar techniques and materials. These wells each ran dry prior to the extraction of 10 volumes. The wells were allowed to recover, and samples were obtained from each for analysis of VOCs via USEPA Method 8260. To help clear sediments from the bores and improve hydraulic connection with the surrounding soils, each of the three injection wells was then cyclically flooded with potable water, surged and pumped until production improved and extracted water began to clear.

### *3.2.4 Pre-Injection Sampling Results and Injection Volume Reallocation*

The results of the pre-injection samples obtained from the IW wells and MW-8 indicated that only MW-1 and IW wells 2 and 3 west of MW-1 nearer the original excavation perimeter exhibited Total CVOC concentrations over 1,000 ppb (**Figure 2**). This supported the interpretation that the elevated impacts noted in MW-1 appear to be limited to a relatively



small area around that well and helped LaBella finalize the preferred injection program dosing.

Pre-injection sample results from the three injection wells identified 237 ppb of CVOCs in IW-1 (cross-gradient of MW-1), 48,511 ppb in IW-2 (upgradient of MW-1) and 7,057.5 ppb in IW-3 (cross-/downgradient of MW-1). As such, LaBella recommended re-allocating the chemical volumes as follows: 12% to IW-1, 55% to IW-2 and 33% to IW-3. This recommendation was approved by the NYSDEC and was utilized during the injection program.

### 3.2.5 Chemical Injection Program

The chemical injection work was conducted on-site on April 25<sup>th</sup> and 26<sup>th</sup>, 2022 by LaBella staff, using custom-designed injection apparatus. Each chemical batch was mixed in a 330-gallon polyethylene IBC tote (mixing tank) with appropriate amounts of potable water, and was delivered to the target injection well via a gasoline-powered Honda WMP20X clean-water pump. Each of the three wells accepted the chemicals readily, at flow rates of 2-3 gallons per minute (gpm) with 15 PSI or less back-pressure. The actual quantities of materials delivered to each injection well are summarized in the following table:

| Well ID | Potable Water (gal) | s-microZVI (gal) | 3DME (gal) | BDI Plus (gal) | Total Volume (gal) |
|---------|---------------------|------------------|------------|----------------|--------------------|
| IW-1    | 90.0                | 4.0              | 6.0        | 0.57           | 100.57             |
| IW-2    | 410.0               | 18.0             | 26.0       | 2.61           | 456.61             |
| IW-3    | 250.0               | 11.0             | 16.0       | 1.59           | 278.59             |
| Total   | 750.0               | 33.0             | 48.0       | 4.77           | 835.77             |

Chemicals were delivered to IW-1 and IW-3 in a single batch and to IW-2 in two separate batches. During the injection period, water was pumped from MW-1 in an effort to draw the injected materials toward this well. Water quality parameters were measured periodically, but no significant changes were noted. It is nevertheless expected that the injected material will continue to diffuse through this target area and beneficially affect the CVOCs noted in well MW-1 and nearby.

### 3.2.6 Post-Injection Monitoring

As per the approved work plan, post-injection monitoring is planned to occur coincident with upcoming routine semi-annual monitoring events which will be presented in the 2023 PRR. As such, the first post-injection monitoring event is scheduled to occur in October 2022. Post-injection monitoring was planned to consist of samples obtained from wells MW-1 and MW-7. Until more data are available, LaBella recommends sampling both sentinel wells MW-7 and MW-8 for the next two sampling events and then determining an appropriate long-term monitoring network responsive to site conditions following the injection event. Wells would be sampled for VOCs via USEPA Method 8260.

The injection program will be considered to have met its objective if: 1) the post-injection monitoring indicates a decreasing trend for total CVOCs in well MW-1 and 2) concentrations of total CVOCs at site sentinel wells MW-7 or MW-8 remain stable and at present or lower



concentrations. The injected chemicals are expected to remain active for a period of three to four years. At that time, the benefits of the injection program should be clear and LaBella may recommend returning to the previous long-term post-closure monitoring program.

### **3.3 Site Inspection and Sub-Slab Depressurization System**

The SSDS system has operated nearly continuously since start-up in 2010. LaBella used a photo-ionization detector (PID) to screen the bulk concentration of VOCs in the airstream during the November 2021 and April 2022 site visits, and the recorded bulk VOC concentrations were near or below the detection limit of the instrument.

Air quality sampling conducted during April 2022 identified results consistent with recent data, including TCE and cis-1,2-dichloroethylene below laboratory detection limits (**Table 3**).

The next routine post-remedy air sample will be collected in March/April 2027.



## 4.0 INSTITUTIONAL CONTROL / ENGINEERING CONTROL COMPLIANCE REPORT

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### 4.1 IC/EC Requirements and Compliance

The following IC/ECs are in place at the site:

1. A Composite Cover System- exposure to remaining contamination in soil/fill at the site is prevented by a combination of a minimum of 24 inches of clean soil, asphalt pavement, concrete sidewalks or the concrete building slab. The visual integrity of this system is reviewed during each annual site inspection and noted on a Site Inspection Report (**Appendix A**). An Excavation Work Plan presented in the SMP outlines procedures required in the event that the cover system is observed to be breached, penetrated, or any underlying contaminated material is disturbed. Based on the June 2020 inspection, the cover appears to be in-place and does not appear to have been breached.
2. SSDS- An active SSDS was installed on the property in 2010 and contains a blower unit continuously depressurizing a sub-slab gravel layer with slotted PVC piping. The blower vents through the roof of the building, continuously vacuuming air from beneath the sub-slab to draw any impacted air past occupied spaces. Procedures for operating and maintaining the SSDS are documented in the O&M Plan of the SMP. The SSDS is evaluated through an annual inspection of the system and through collection of an air quality sample once every five years. Copies of the annual system inspection forms, as well as a photo log of present site conditions are included in **Appendix A** and figures of the SSDS design and detail are included as **Figures 4 and 4A**.
3. Groundwater Monitoring-Monitored Natural Attenuation – Post-remedy groundwater monitoring activities to assess ongoing natural attenuation are conducted semi-annually and will continue until residual groundwater concentrations are less than groundwater quality standards or become asymptotic at an acceptable level to the NYSDEC. This report documents groundwater monitoring results.
4. The property may be used for "Restricted-residential use," "Commercial use" and/or "Industrial use" as described within 6 NYCRR Part 375-1.8(g)(2)(ii), (iii) and (iv). The property continues to be used for commercial purposes.
5. Data and information pertinent to the SMP of the Controlled Property must be reported at the frequency and manner defined in the SMP. This report provides the required annual PRR submittal.
6. Access to the Site must be provided to agents, employees or other representatives of the state of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.

### 4.2 IC/EC Certification

The IC/EC Certification Forms are included in **Appendix B**.



## 5.0 MONITORING PLAN COMPLIANCE REPORT

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### 5.1 Components of the Monitoring Plan

The initially approved long term Monitoring Plan for the site included sampling of five existing groundwater monitoring wells on a semi-annual basis for the first two years following completion of remedial activities in late 2010, annual sampling of indoor air and SSDS discharge for the first five years followed by sampling every five years thereafter until year 15, and annual visual inspection of the impermeable cover system.

In 2013, NYSDEC authorized the decommissioning of monitoring wells MW-3 and MW-4 and reduced the indoor air sampling frequency to every five years in 2015. The remaining monitoring plan components have persisted as follows:

1. Three monitoring wells (MW-1, MW-2 and MW-5) monitor up- and down-gradient conditions at the site. Groundwater sampling is typically conducted semi-annually in March/April and October/November. Well sampling activities are logged on field data sheets (**Appendix A**), which serve as the inspection form for the well network. Groundwater samples are analyzed for VOCs and priority pollutant metals. Wells are inspected during each sampling event. If an event renders the wells unusable, or if the approval is granted that well sampling is no longer required, they will be properly decommissioned and/or replaced. The NYSDEC will be notified prior to any well repair or decommissioning. Monitoring well MW-7, situated as an inspection well adjoining MW-1, is sampled once annually for CVOCs.
2. SSDS discharge screening is performed at least annually by taking a PID reading of the effluent. Laboratory SSDS outfall sampling is conducted once every five years, during the heating season. SSDS servicing and sampling activities are recorded in the designated field book and field logs. IAQ samples are analyzed for VOCs via USEPA Method TO-15. The SSDS system is also inspected twice-annually to determine if it is functioning properly, if there is foundation damage or building defects that could reduce its effectiveness, and to assess blower conditions. The next indoor air sample will be collected in March 2027.
3. A site-wide inspection of the facility is conducted at least annually in April as well as after a severe weather condition that may affect ECs or monitoring devices. An inspection form is completed after each inspection (**Appendix A**). The inspection assesses compliance with ICs and site usage; condition and continued effectiveness of ECs; general site conditions, site management activities being conducted, and compliance with the O&M Plan.

### 5.2 Summary of Monitoring Completed During the 2022 PRR Reporting Period

Monitoring completed during the reporting period (November 2021 and April 2022) has included two groundwater sampling events of four on-site monitoring wells (MW-1, MW-2, MW-5, and MW-7), two inspections of the SSDS, and two site-wide inspections. As described above in Section 3.2, a supplemental chemical injection program was undertaken in late April 2022 to address the elevated CVOC concentrations noted in MW-1, and early in April 2022, an



additional monitoring well, MW-8, was installed as an additional site perimeter sampling point. .

Groundwater sampling points are depicted on **Figure 2**. **Table 1** provides groundwater elevations for each sampling event prior to the late April chemical injection program. **Table 2** shows available site groundwater data from prior to the 2009 soil excavation period to the present. Table 2 contains no data after the late April 2022 chemical injection event. Field sampling sheets and copies of the Site-Wide Inspection Forms and SSDS Inspection Forms, as well as a photo log of present site conditions are attached in **Appendix A**.

### 5.3 Comparisons with Remedial Objectives

#### Soil

- Post excavation sampling completed during the remedy and IRMs confirmed that Track 4 Restricted Residential SCOs were met for most post-excavation soil samples. Post-excavation soil sampling revealed that most remaining soil met Restricted Residential SCOs.
- Soil samples obtained from CB-1 (MW-6) and CB-2 (MW-7) during the March 2018 limited investigation did not identify CVOCs concentrations exceeding Part 375 SCOs.

#### Groundwater

- Dissolved CVOCs in select monitoring wells remain above groundwater standards (**Table 2**).
- MW-2 lies at a downgradient site boundary. MW-7 and MW-8 lie in cross/downgradient sentinel locations based on 2022 groundwater elevation data. CVOC impacts MW-2 and MW-7 have been less than approximately 60 parts per billion (ppb) since 2015. CVOC concentrations in MW-2 have been essentially non-detectable since 2020 (1.63 ppb in April 2022). MW-8 exhibited 154 ppb total CVOCs during the April 2022 monitoring event.
- MW-5 is cross gradient to former source areas. Dissolved CVOCs rose through 2015 and then fell back to vary around an average of approximately 100 ppb. The April 2022 total CVOC concentration was 54.04 ppb.
- MW-1 is situated nearest to the immediate former source area. MW-1 is situated nearest to the former source area. Total CVOC concentrations have averaged over 50,000 ppb since 2019.
- Analytical results for metals identified three metals (cadmium, chromium, nickel) in MW-1 above NYSDEC Part 703 standards but within historic ranges. This sample was slightly turbid (86.4 NTU) suggesting that sample turbidity may have influenced these un-filtered metals results. Metals results for MW-2 and MW-5 were all either non-detect or below NYSDEC Part 703 standards. In general, metals in site groundwater samples are stable or attenuating.

#### Indoor Air

- The SSDS system was last inspected in April 2022 and appears to be functioning



normally. Air quality sampling results were consistent with past data. The next air quality sample event is due to be conducted in March 2027.

#### **5.4 Monitoring Deficiencies**

No monitoring deficiencies were identified during this sampling and reporting period.

#### **5.5 Conclusions and Recommendations for Changes**

LaBella recommends continued monitoring of wells MW-1, MW-2 and MW-5 in accordance with the current monitoring and inspection schedule, sufficient to monitor the continuing VOC attenuation occurring at this Site. Based on the results of pre-injection sampling (section 3.2), we recommend monitoring both wells MW-7 and MW-8 during the next two semi-annual sampling events to develop a better understanding of this site perimeter area and the benefits of the chemical injection program..

Indoor air quality sampling once every five years (next event March 2027) should be maintained as well as general O&M of the site's paved surfaces.



## **6.0 OPERATION AND MAINTENANCE (O&M) PLAN COMPLIANCE REPORT**

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### **6.1 Components of the O&M Plan**

The O&M Plan presented in the SMP includes the steps necessary to operate and maintain the on-site SSDS and include an O&M contingency plan. Non-mechanical ECs (i.e., soil cover system) are discussed in the EC/IC Control Plan.

The SSDS has operated at the site continuously since start-up on May 15, 2010. The system includes a vapor barrier, gravel layer, slotted vent pipe network, riser pipe with roof vent and in-line fan. The system must remain powered at all times to operate successfully and a control box is locked securely to prevent unauthorized shut off.

Routine operation of the blower unit includes ensuring availability of a continuous power source to the blower motor and confirmation that the piping does not leak or have blockages. Routine equipment maintenance is to be conducted as needed and includes annual inspection and cleaning of the vapor riser pipe outlets, and collection and analyses of air quality samples per the annual sampling schedule. Non-routine equipment maintenance would include cutting through the concrete floor slab to install new equipment or make other building modifications to maintain the integrity and performance of the SSDS. In the event of a non-routine condition (i.e., system damage or reduced effectiveness which would initiate a red warning light, and/or system component replacements), the Site owner will notify the NYSDEC within 24 hours and proceed with the needed maintenance and/or repair.

### **6.2 Summary of O&M Completed During this Reporting Period**

SSDS inspections were conducted in November 2021 and April 2022. No deficiencies in the system were noted which required maintenance or repair from the prior April 2021 inspection through the current period.

### **6.3 Evaluation of Remedial Systems**

Based on the results of the annual monitoring of the SSDS, the SSDS appears to be performing as designed/expected.

### **6.4 O&M Deficiencies**

No O&M deficiencies were noted during the reporting period. Bollards installed near well MW-1 continue to alleviate surface rutting concerns in this area.

### **6.5 Conclusions and Recommendations for Improvement**

The SSDS appears to be functioning as designed/expected. There are no recommendations for changes to the O&M Plan at this time.





## **7.0 OVERALL PERIODIC REVIEW REPORT CONCLUSIONS AND RECOMMENDATIONS**

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### **7.1 Compliance with the Site Management Plan**

IC/ECs in place at the site include an active SSDS and an impermeable cover system.

- Inspection of the SSDS during November 2021 and April 2022 indicate that the SSDS is operating as designed/expected. No maintenance of the system has occurred or was found to be necessary during the reporting period.
- Site-wide inspections conducted in November 2021 and April 2022 indicate that groundwater monitoring wells are in place and in good condition and that no visible breaches in the impermeable cover were noted. In addition, the site is currently occupied as a CVS retail store and pharmacy which is in compliance with the allowed uses of the site.
- Groundwater monitoring was conducted in November 2021 and April 2022. The SMP schedule has been satisfied for this monitoring period.

### **7.2 Performance and Effectiveness of the Remedy and Recommendations**

- Semi-annual groundwater monitoring has indicated remaining dissolved site CVOCs have risen in the location of MW-1 over several years while falling or remaining stable elsewhere on site. Results from wells MW-7 and new well MW-8 confirm the impacts at MW-1 remain localized.
- A chemical injection program was undertaken in late April 2022 to address persisting elevated CVOc concentration near MW-1. This program consisted of drilling and sampling one new adjacent monitoring well (MW-8), redeveloping three previously-installed injection wells, and injecting a remedial chemical blend into the three existing injection wells (see section 3.2 for details).

The injections were completed successfully and the chemical blend is expected to have an active lifespan of three to four years. Post-injection monitoring is planned to begin in October 2022 and will be performed coincident with routine monitoring events. Significantly decreased CVOc concentrations in MW-1 and stable concentrations in downgradient well locations would indicate the benefits of the injection program.

- SSDS monitoring and air quality results indicate that the SSDS is working effectively.

The combined results of the site inspection, groundwater sampling, and annual SSDS inspection suggest that the remedy continues to protect the environment and public health.

LaBella recommends performing scheduled semi-annual sampling (which includes post-injection monitoring) in October/November 2022 and March/April 2023.

No other recommendations for changes to the O&M or monitoring plans are warranted at this time.

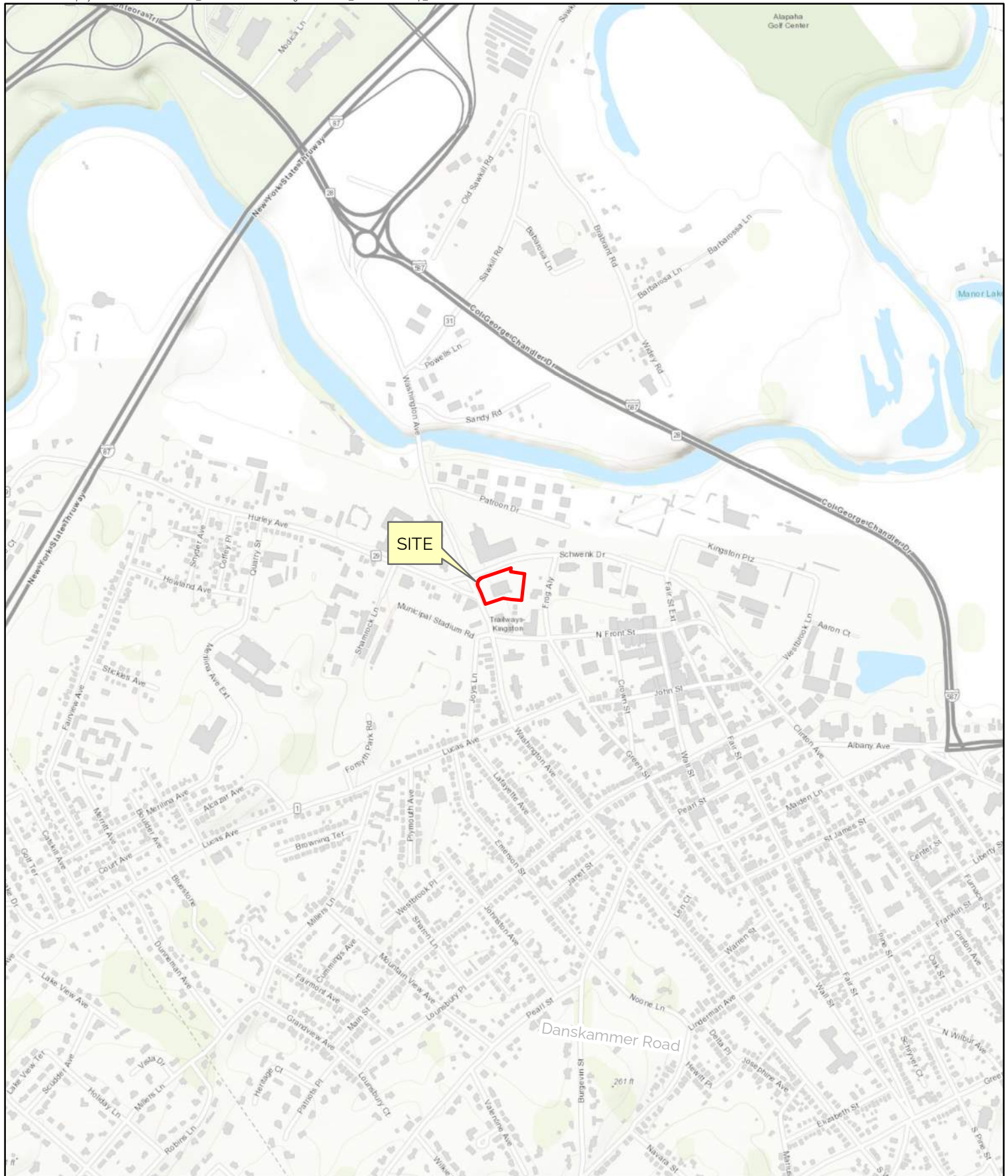


### **7.3 Future PRR Submittals**

Monitoring for the twelfth reporting period will include semi-annual groundwater monitoring, SSDS monitoring, and a site-wide inspection. An annual report will be submitted to the NYSDEC for these events in July 2023.



# FIGURES



PROJECT # / DRAWING # /  
DATE:

CZ41103.20  
**Figure 1**  
1/27/2022

DRAWING NAME:

## Site Location Map

PROJECT:

Former Utility Platers/  
Kingston Diagnostics Site  
167 Schwenck Drive,  
City of Kingston,  
Ulster County, New York



0 500 1,000  
Feet  
1 inch = 1,000 feet

**LaBella**  
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## LEGEND

- ◆ Monitoring Well
- Injection Well

## NOTES:

- 1) Total CVOC concentrations posted on this figure are based on the results of samples collected 4/04/2022.
- 2) These samples were collected prior to the chemical injections.
- 3) MW-8 was installed, developed and sampled on 4/4/2022.
- 4) All results are posted in ug/L, approximately equal to ppb.



PROJECT # / DRAWING # /  
DATE:

CZ41103.20  
**Figure 2**  
7/22/2022

DRAWING NAME:

**Site Layout and  
Groundwater CVOC  
Concentrations Map**

PROJECT:

Former Utility Platers/  
Kingston Diagnostics Site  
167 Schwenck Drive,  
City of Kingston,  
Ulster County, New York



0 12.5 25 50  
Feet  
1 inch = 50 feet

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# LEGEND

 Monitoring Well

NOTE: Groundwater elevations were calculated based on depths to water measured 4/04/2022.



PROJECT # / DRAWING # /  
DATE:

CZ41103.20  
**Figure 3**  
7/22/2022

DRAWING NAME:

**Site Layout and  
Groundwater CVOC  
Concentrations Map**

PROJECT:

Former Utility Platers/  
Kingston Diagnostics Site  
167 Schwenck Drive,  
City of Kingston,  
Ulster County, New York



0 12.5 25 50  
Feet  
1 inch = 50 feet

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PROJECT # / DRAWING # /  
DATE:

CZ41103.20  
**Figure 4**  
7/8/2022

DRAWING NAME:

**SSDS Layout Map**

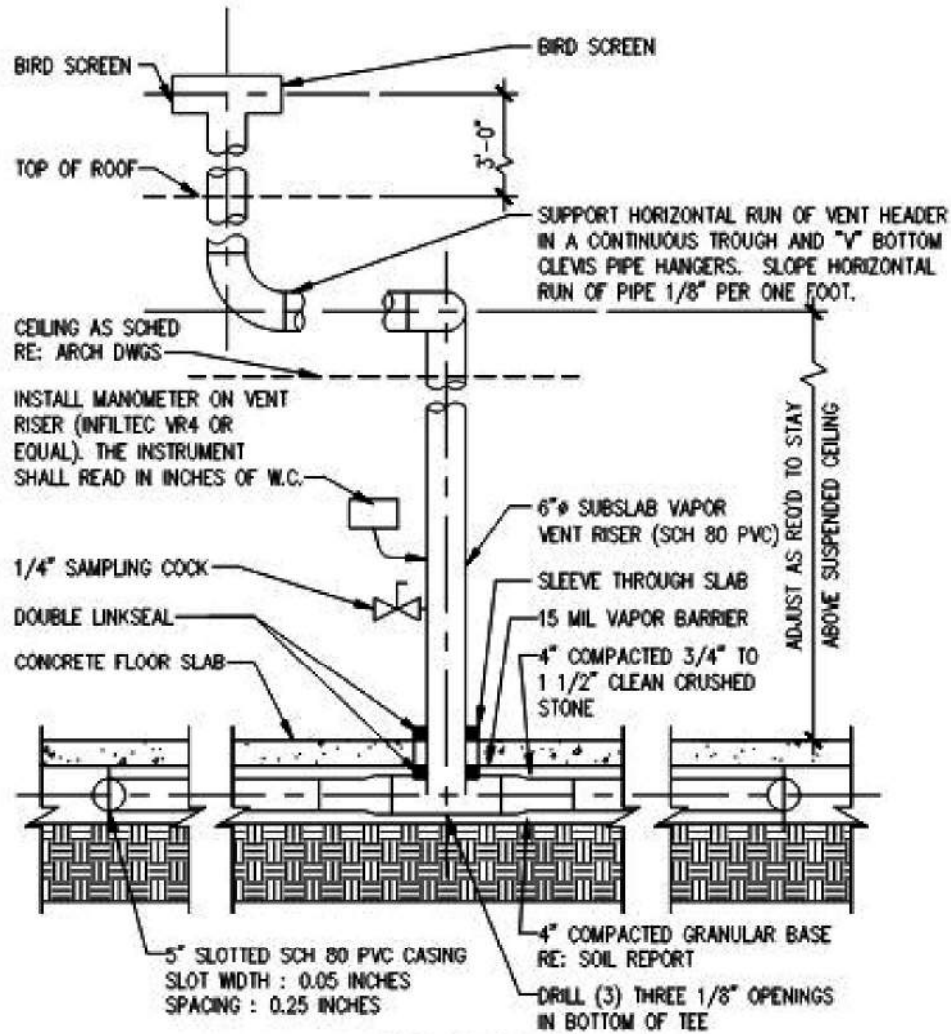
PROJECT:

Former Utility Platers/  
Kingston Diagnostics Site  
167 Schwenck Drive,  
City of Kingston,  
Ulster County, New York



0 12.5 25 50  
1 inch = 30 feet  
Feet

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2
**SSD SYSTEM  
VAPOR VENT RISER**  
 S-1.2 SCALE: 1/2" = 1'-0"

PROJECT # / DRAWING # /  
DATE:

CZ41103.20

**Figure 4A**

7/8/2022

DRAWING NAME:

**SSDS Vapor Vent Detail**

PROJECT:

Former Utility Platers/  
Kingston Diagnostics Site

167 Schwenck Drive,  
City of Kingston,  
Ulster County, New York

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# TABLES AND GRAPHS

**Table 1:** Monitoring Well and Groundwater Elevations

BCP Site C356035 - Former Utility Platers and Kingston Diagnostics (Current CVS Building)

Washington Avenue and Schwenck Drive, Kingston, Ulster County, New York

| Well ID | Top of Casing Elevation<br>(feet AMSL) | Groundwater Elevation (feet AMSL) |            |           |           |           |            |           |
|---------|----------------------------------------|-----------------------------------|------------|-----------|-----------|-----------|------------|-----------|
|         |                                        | 4/20/2011                         | 10/20/2011 | 3/27/2012 | 10/9/2012 | 3/11/2013 | 10/25/2013 | 3/26/2014 |
| MW-1    | 164.70                                 | 150.47                            | 150.36     | 149.80    | 149.67    | 150.26    | 149.61     | 150.67    |
| MW-2    | 160.56                                 | 148.06                            | 148.02     | 143.37    | 143.91    | 145.70    | 142.34     | 147.19    |
| MW-3    | 158.75                                 | 153.17                            | 153.32     | 151.54    | 152.03    | 151.72    | NA         | NA        |
| MW-4    | 168.32                                 | 162.40                            | 162.48     | 161.75    | 161.80    | 162.10    | NA         | NA        |
| MW-5    | 162.51                                 | 155.67                            | 155.88     | 154.03    | 154.14    | 154.08    | 153.47     | 154.57    |
| MW-6    | 165.62                                 | NA                                | NA         | NA        | NA        | NA        | NA         | NA        |
| MW-7    | 159.93                                 | NA                                | NA         | NA        | NA        | NA        | NA         | NA        |
| MW-8    | 161.66                                 | NA                                | NA         | NA        | NA        | NA        | NA         | NA        |

## NOTES:

1) AMSL = Above Mean Sea Level

2) Top of Casing Elevations were obtained from a site survey map dated June 2, 2010 and created by Brinner and Larios.

3) NA - groundwater elevation not applicable, as well was abandoned or not measured.

**Table 1:** Monitoring Well and Groundwater Elevations

BCP Site C356035 - Former Utility Platers and Kingston Diagnostics (Current CVS Building)

Washington Avenue and Schwenck Drive, Kingston, Ulster County, New York

| Well ID | Top of Casing Elevation<br>(feet AMSL) | Groundwater Elevation (feet AMSL) |          |            |           |           |            |          |
|---------|----------------------------------------|-----------------------------------|----------|------------|-----------|-----------|------------|----------|
|         |                                        | 10/3/2014                         | 4/6/2015 | 10/16/2015 | 3/16/2016 | 3/23/2017 | 11/13/2017 | 3/5/2018 |
| MW-1    | 164.70                                 | 148.91                            | 149.86   | 149.29     | 148.43    | 149.55    | 149.32     | 150.51   |
| MW-2    | 160.56                                 | 145.02                            | 145.06   | 143.00     | 143.23    | 146.45    | 142.96     | 147.72   |
| MW-3    | 158.75                                 | NA                                | NA       | NA         | NA        | NA        | NA         | NA       |
| MW-4    | 168.32                                 | NA                                | NA       | NA         | NA        | NA        | NA         | NA       |
| MW-5    | 162.51                                 | 152.92                            | 153.81   | 154.21     | 153.88    | 154.89    | 153.94     | 154.29   |
| MW-6    | 165.62                                 | NA                                | NA       | NA         | NA        | NA        | NA         | 151.05   |
| MW-7    | 159.93                                 | NA                                | NA       | NA         | NA        | NA        | NA         | 150.51   |
| MW-8    | 161.66                                 | NA                                | NA       | NA         | NA        | NA        | NA         | NA       |

## NOTES:

1) AMSL = Above Mean Sea Level

2) Top of Casing Elevations were obtained from a site survey map dated June 2, 2010 and created by Brinner and Larios.

3) NA - groundwater elevation not applicable, as well was abandoned or not measured.

**Table 1:** Monitoring Well and Groundwater Elevations

BCP Site C356035 - Former Utility Platers and Kingston Diagnostics (Current CVS Building)

Washington Avenue and Schwenck Drive, Kingston, Ulster County, New York

| Well ID | Top of Casing Elevation<br>(feet AMSL) | Groundwater Elevation (feet AMSL) |           |            |          |            |           |           |          |
|---------|----------------------------------------|-----------------------------------|-----------|------------|----------|------------|-----------|-----------|----------|
|         |                                        | 11/1/2018                         | 3/28/2019 | 10/29/2019 | 6/1/2020 | 10/22/2020 | 3/25/2021 | 11/9/2021 | 4/4/2022 |
| MW-1    | 164.70                                 | 149.60                            | 150.12    | 149.17     | 149.39   | 148.91     | 149.83    | 149.91    | 149.92   |
| MW-2    | 160.56                                 | 146.09                            | 146.93    | 147.75     | 144.71   | 142.77     | 150.33    | 145.74    | 148.38   |
| MW-3    | 158.75                                 | NA                                | NA        | NA         | NA       | NA         | NA        | NA        | NA       |
| MW-4    | 168.32                                 | NA                                | NA        | NA         | NA       | NA         | NA        | NA        | NA       |
| MW-5    | 162.51                                 | 154.36                            | 153.93    | 153.30     | 153.19   | 152.72     | 153.98    | 154.76    | 154.00   |
| MW-6    | 165.62                                 | NA                                | NA        | NA         | NA       | 149.68     | NA        | NA        | 150.23   |
| MW-7    | 159.93                                 | NA                                | 150.00    | NA         | 149.43   | NA         | 149.83    | 149.91    | 149.93   |
| MW-8    | 161.66                                 | NA                                | NA        | NA         | NA       | NA         | NA        | NA        | 150.25   |

## NOTES:

1) AMSL = Above Mean Sea Level

2) Top of Casing Elevations were obtained from a site survey map dated June 2, 2010 and created by Brinner and Larios.

3) NA - groundwater elevation not applicable, as well was abandoned or not measured.

**Table 2:** Groundwater Monitoring Data

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)  
Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample Location                                        |                                |                                     | MW-1                  |                     |                       |            |                        |           |                     |  |
|--------------------------------------------------------|--------------------------------|-------------------------------------|-----------------------|---------------------|-----------------------|------------|------------------------|-----------|---------------------|--|
| Sample Date                                            |                                |                                     | 12/23/2009            | 4/20/2011           | 4/20/2011<br>(MW-DUP) | 10/20/2011 | 10/20/2011<br>(MW-DUP) | 3/27/2012 | 3/27/12<br>(MW-DUP) |  |
| Analyte                                                | Units                          | Part 703<br>Groundwater<br>Standard | Pre-Remedy<br>Results | Post-Remedy Results |                       |            |                        |           |                     |  |
| EPA Method<br>8260<br>Volatile<br>Organic<br>Compounds | 1,1,1,2-Tetrachloroethane      | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,1,1-Trichloroethane          | 5'                                  | 3                     | 1.2 J               | 1.2 J                 | 2.8 J      | 2.8 J                  | 1.3 J     | 1.3 J               |  |
|                                                        | 1,1,2,2-Tetrachloroethane      | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,1,2-Trichloroethane          | 1                                   | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,1-Dichloroethane             | 5'                                  | 23                    | 3.8 J               | 3.7 J                 | 5.3        | 5.8                    | 6.4       | 6.2                 |  |
|                                                        | 1,1-Dichloroethylene           | 5'                                  | 38                    | 3.1 J               | 3.5 J                 | 3.4 J      | 3.4 J                  | 8.2       | 7.6                 |  |
|                                                        | 1,1-Dichloropropylene          | NS/5                                | --                    | ND                  | ND                    | ND         | ND                     | ND J      | ND J                |  |
|                                                        | 1,2,3-Trichlorobenzene         | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,2,3-Trichloropropane         | 0.04                                | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,2,3-Trimethylbenzene         | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,2,4-Trichlorobenzene         | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,2,4-Trimethylbenzene         | 5'                                  | 16                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,2-Dibromo-3-chloropropane    | 0.04                                | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,2-Dibromoethane              | NS/5                                | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,2-Dichlorobenzene            | 3"                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,2-Dichloroethane             | 0.6                                 | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,2-Dichloroethylene (Total)   | 5'                                  | 8,435                 | 1,026               | 629                   | 1,624      | 1,324                  | 1,975     | 2,070               |  |
|                                                        | 1,2-Dichloropropane            | 1                                   | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,3,5-Trimethylbenzene         | 5'                                  | 4                     | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,3-Dichlorobenzene            | 3"                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,3-Dichloropropane            | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1,4-Dichlorobenzene            | 3"                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 1-Chlorohexane                 | NS                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 2,2-Dichloropropane            | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 2-Chlorotoluene                | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | 4-Chlorotoluene                | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Benzene                        | 1                                   | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Bromobenzene                   | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Bromochloromethane             | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Bromodichloromethane           | NS/50                               | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Bromoform                      | NS/50                               | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Bromomethane                   | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND J      | ND J                |  |
|                                                        | Carbon Tetrachloride           | 5                                   | --                    | ND                  | ND                    | ND         | ND                     | ND J      | ND J                |  |
|                                                        | Chlorobenzene                  | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Chloroethane                   | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Chloroform                     | 7                                   | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Chloromethane                  | NS/5                                | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | cis-1,3-Dichloropropylene      | 0.4"                                | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Dibromochloromethane           | NS/50                               | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Dibromomethane                 | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Dichlorodifluoromethane        | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | R         | R                   |  |
|                                                        | Ethylbenzene                   | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Hexachlorobutadiene            | 0.5                                 | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Isopropylbenzene               | 5'                                  | 1                     | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Methyl tert-butyl ether (MTBE) | NS/10                               | --                    | ND                  | ND                    | ND         | ND                     | ND J      | ND J                |  |
|                                                        | Methylene chloride             | 5'                                  | 6                     | 3.4 JB              | 4.0 JB                | 4.5 JB     | 4.4 JB                 | ND        | ND                  |  |
|                                                        | Naphthalene                    | 10                                  | 1                     | ND                  | ND                    | ND         | ND                     | ND J      | ND J                |  |
|                                                        | n-Butylbenzene                 | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | n-Propylbenzene                | 5'                                  | 2                     | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | o-Xylene                       | 5'                                  | 2                     | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | p-&m-Xylenes                   | 5'                                  | 2                     | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | p-Isopropyltoluene             | 5'                                  | 4                     | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | sec-Butylbenzene               | 5'                                  | --                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
| Styrene                                                | 5'                             | --                                  | ND                    | ND                  | ND                    | ND         | ND                     | ND        |                     |  |
| tert-Butylbenzene                                      | 5'                             | --                                  | ND                    | ND                  | ND                    | ND         | ND                     | ND        |                     |  |
| Tetrachloroethylene                                    | 5'                             | 12                                  | ND                    | ND                  | ND                    | ND         | ND                     | ND        |                     |  |
| Toluene                                                | 5'                             | 2                                   | ND                    | ND                  | ND                    | ND         | ND                     | ND        |                     |  |
| trans-1,3-Dichloropropylene                            | 0.4"                           | --                                  | ND                    | ND                  | ND                    | ND         | ND                     | ND        |                     |  |
| Trichloroethylene                                      | 5'                             | 14,000                              | 800                   | 500                 | 130                   | 180        | 1,200                  | 1,200     |                     |  |
| Trichlorofluoromethane                                 | 5'                             | --                                  | ND                    | ND                  | ND                    | ND         | ND                     | ND        |                     |  |
| Vinyl chloride                                         | 2                              | 3,900                               | 130                   | 150                 | 100                   | 110        | 160 J                  | 170 J     |                     |  |
| TOTAL CVOCs                                            |                                |                                     | 26,451                | 1,964               | 1,287                 | 1,866      | 1,626                  | 3,351     | 3,455               |  |
| Sample Date                                            |                                |                                     | 12/23/2009            | 4/20/2011           | 4/20/2011             | 10/20/2011 | 10/20/2011             | 3/27/2012 | 3/27/2012           |  |
| EPA Method<br>6010 Priority<br>Pollutant<br>Metals     | Antimony                       | 3                                   | ND                    | ND                  | ND                    | 5          | 5                      | ND        | ND                  |  |
|                                                        | Arsenic                        | 25                                  | ND                    | 11                  | ND                    | 10         | ND                     | ND        | ND                  |  |
|                                                        | Beryllium                      | 11"                                 | ND                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Cadmium                        | 5                                   | 31                    | 63                  | 59                    | 114        | 126                    | 47        | 42                  |  |
|                                                        | Chromium                       | 50                                  | 13                    | 11                  | 8                     | 29         | 32                     | 5         | ND                  |  |
|                                                        | Copper                         | 200                                 | 38                    | 8                   | 6                     | 17         | 18                     | ND        | ND                  |  |
|                                                        | Lead                           | 25                                  | 33                    | 4                   | 3                     | 7          | 6                      | 3 J       | ND                  |  |
|                                                        | Nickel                         | 100                                 | 257                   | 309                 | 307                   | 660        | 703                    | 749       | 748                 |  |
|                                                        | Selenium                       | 10                                  | 14                    | ND                  | ND                    | ND         | ND                     | 22 J      | 16 J                |  |
|                                                        | Silver                         | 50                                  | ND                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Thallium                       | 8                                   | ND                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |
|                                                        | Zinc                           | NS/2,000                            | 136                   | 158                 | 146                   | 234        | 244                    | 144       | 139                 |  |
|                                                        | Mercury                        | 0.7                                 | ND                    | ND                  | ND                    | ND         | ND                     | ND        | ND                  |  |



**Table 2:** Groundwater Monitoring Data

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)

Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample Location                                        |                                |                                     | MW-1                |           |                       |            |           |                       |           |                       |
|--------------------------------------------------------|--------------------------------|-------------------------------------|---------------------|-----------|-----------------------|------------|-----------|-----------------------|-----------|-----------------------|
| Sample Date                                            |                                |                                     | 10/9/2012           | 3/11/2013 | 3/11/2013<br>(MW-DUP) | 10/25/2013 | 3/26/2014 | 3/26/2014<br>(MW-DUP) | 10/3/2014 | 10/3/2014<br>(MW-DUP) |
| Analyte                                                | Units                          | Part 703<br>Groundwater<br>Standard | Post-Remedy Results |           |                       |            |           |                       |           |                       |
|                                                        |                                |                                     |                     |           |                       |            |           |                       |           |                       |
| EPA Method<br>8260<br>Volatile<br>Organic<br>Compounds | 1112-Tetrachloroethane         | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 111-Trichloroethane            | 5'                                  | 17 J                | 12 J      | 14 J                  | ND         | ND        | 14 J                  | ND        | ND                    |
|                                                        | 1122-Tetrachloroethane         | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 112-Trichloroethane            | 1                                   | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 11-Dichloroethane              | 5'                                  | 7.5                 | 31 J      | 28 J                  | 6.8        | 14 J      | 14 J                  | ND        | ND                    |
|                                                        | 11-Dichloroethylene            | 5'                                  | 5.5                 | 13 J      | 12 J                  | 6.6        | ND        | 0.50 J                | ND        | ND                    |
|                                                        | 11-Dichloropropylene           | NS/5                                | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 123-Trichlorobenzene           | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND J      | ND                    |
|                                                        | 123-Trichloropropane           | 0.04                                | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 123-Trimethylbenzene           | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 124-Trichlorobenzene           | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 124-Trimethylbenzene           | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 12-Dibromo-3-chloropropane     | 0.04                                | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 12-Dibromoethane               | NS/5                                | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 12-Dichlorobenzene             | 3"                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 12-Dichloroethane              | 0.6                                 | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 12-Dichloroethylene (Total)    | 5'                                  | 1,029               | 572       | 710                   | 2,457      | 568       | 216.6                 | 18,260    | 9,720                 |
|                                                        | 12-Dichloropropane             | 1                                   | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 135-Trimethylbenzene           | 5'                                  | ND                  | ND        | ND                    | ND         | 12 J      | ND                    | ND        | ND                    |
|                                                        | 13-Dichlorobenzene             | 3"                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 13-Dichloropropane             | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 14-Dichlorobenzene             | 3"                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 1-Chlorohexane                 | NS                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 22-Dichloropropane             | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 2-Chlorotoluene                | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | 4-Chlorotoluene                | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Benzene                        | 1                                   | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Bromobenzene                   | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Bromochloromethane             | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Bromodichloromethane           | NS/50                               | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Bromomethane                   | NS/50                               | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Bromomethane                   | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Carbon Tetrachloride           | 5                                   | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND J      | ND                    |
|                                                        | Chlorobenzene                  | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Chloroethane                   | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Chloroform                     | 7                                   | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Chloromethane                  | NS/5                                | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | cis-1,3-Dichloropropylene      | 0.4"                                | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Dibromochloromethane           | NS/50                               | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Dibromomethane                 | 5'                                  | ND                  | ND        | ND                    | ND         | R         | R                     | ND        | ND                    |
|                                                        | Dichlorodifluoromethane        | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Ethylbenzene                   | 5'                                  | ND                  | ND        | ND                    | ND         | 13 J      | ND                    | ND        | ND                    |
|                                                        | Hexachlorobutadiene            | 0.5                                 | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND J      | ND                    |
|                                                        | Isopropylbenzene               | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Methyl tert-butyl ether (MTBE) | NS/10                               | ND                  | ND J      | ND J                  | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Methylene chloride             | 5'                                  | ND                  | 24 J      | 31 J                  | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Naphthalene                    | 10                                  | ND                  | ND        | ND                    | ND         | 6.0 J     | ND                    | ND        | ND                    |
|                                                        | n-Butylbenzene                 | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND J      | ND                    |
|                                                        | n-Propylbenzene                | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | o-Xylene                       | 5'                                  | ND                  | ND        | ND                    | ND         | R         | R                     | ND        | ND                    |
|                                                        | p-&m-Xylenes                   | 5'                                  | ND                  | ND        | ND                    | ND         | 32 J      | ND                    | ND        | ND                    |
|                                                        | p-Isopropyltoluene             | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | sec-Butylbenzene               | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Styrene                        | 5'                                  | ND                  | ND        | ND                    | ND         | R         | R                     | ND        | ND                    |
|                                                        | tert-Butylbenzene              | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Tetrachloroethylene            | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Toluene                        | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | trans-1,3-Dichloropropylene    | 0.4"                                | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Trichloroethylene              | 5'                                  | 670 DJ              | 490       | 620                   | 1,800      | 490       | 250                   | 14,000    | 5,100                 |
|                                                        | Trichlorofluoromethane         | 5'                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Vinyl chloride                 | 2                                   | 190 J               | 99        | 83                    | ND         | 84        | 30                    | 1,000     | 1,500                 |
| TOTAL CVOCs                                            |                                |                                     | 1,904               | 1,167     | 1,418                 | 4,270      | 1,143     | 500                   | 33,260    | 16,320                |
| EPA Method<br>6010 Priority<br>Pollutant<br>Metals     | Sample Date                    |                                     | 10/9/2012           | 3/11/2013 | 3/11/2013             | 10/25/2013 | 3/26/2014 | 3/26/2014             | 10/3/2014 | 10/3/2014             |
|                                                        | Antimony                       | 3                                   | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Arsenic                        | 25                                  | 10                  | ND        | 5                     | 7          | ND        | ND                    | 48        | 56                    |
|                                                        | Beryllium                      | 11"                                 | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | 2                     |
|                                                        | Cadmium                        | 5                                   | 7                   | 120       | 95                    | 33         | 121       | 103                   | 116       | 116                   |
|                                                        | Chromium                       | 50                                  | ND                  | 28        | 17                    | 8          | 21        | 35                    | 85        | 113                   |
|                                                        | Copper                         | 200                                 | ND                  | 13        | 5                     | 20         | R         | R                     | 128       | 167                   |
|                                                        | Lead                           | 25                                  | ND                  | 5         | ND                    | 3          | ND        | ND                    | 71        | 92                    |
|                                                        | Nickel                         | 100                                 | 266                 | 288       | 286                   | 477        | 307       | 319                   | 933       | 897                   |
|                                                        | Selenium                       | 10                                  | 15                  | 13        | 11                    | ND         | 14        | ND                    | ND        | ND                    |
|                                                        | Silver                         | 50                                  | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Thallium                       | 8                                   | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |
|                                                        | Zinc                           | NS/2,000                            | 78                  | 239       | 191                   | 104        | 302       | 285                   | 493       | 544                   |
|                                                        | Mercury                        | 0.7                                 | ND                  | ND        | ND                    | ND         | ND        | ND                    | ND        | ND                    |

**Table 2:** Groundwater Monitoring Data

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)

Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample Location                                        |                                |                                     | MW-1                |                      |            |                        |           |                       |           |                       |
|--------------------------------------------------------|--------------------------------|-------------------------------------|---------------------|----------------------|------------|------------------------|-----------|-----------------------|-----------|-----------------------|
| Sample Date                                            |                                |                                     | 4/6/2015            | 4/6/2015<br>(MW-DUP) | 10/16/2015 | 10/16/2015<br>(MW-DUP) | 3/16/2016 | 3/16/2016<br>(MW-DUP) | 3/23/2017 | 3/23/2017<br>(MW-DUP) |
| Analyte                                                | Units                          | Part 703<br>Groundwater<br>Standard | Post-Remedy Results |                      |            |                        |           |                       |           |                       |
|                                                        |                                |                                     |                     |                      |            |                        |           |                       |           |                       |
| EPA Method<br>8260<br>Volatile<br>Organic<br>Compounds | 1112-Tetrachloroethane         | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 111-Trichloroethane            | 5'                                  | ND                  | ND                   | 2.0        | 1.7                    | ND        | ND                    | ND        | ND                    |
|                                                        | 1122-Tetrachloroethane         | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 112-Trichloroethane            | 1                                   | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 11-Dichloroethane              | 5'                                  | 7.3                 | 7.1                  | 7.7        | 9.2                    | 6.8       | 6.5                   | ND        | ND                    |
|                                                        | 11-Dichloroethylene            | 5'                                  | 11.0                | 11.0                 | 28         | 37                     | 22        | 21                    | ND        | ND                    |
|                                                        | 11-Dichloropropylene           | NS/5                                | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 123-Trichlorobenzene           | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND J      | ND J                  |
|                                                        | 123-Trichloropropane           | 0.04                                | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 123-Trimethylbenzene           | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 124-Trichlorobenzene           | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND J      | ND J                  |
|                                                        | 124-Trimethylbenzene           | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 12-Dibromo-3-chloropropane     | 0.04                                | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND J      | ND J                  |
|                                                        | 12-Dibromoethane               | NS/5                                | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 12-Dichlorobenzene             | 3"                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 12-Dichloroethane              | 0.6                                 | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 12-Dichloroethylene (Total)    | 5'                                  | 4,397 J             | 4,093 J              | 7,840      | 9,690                  | 6,570     | 5,850                 | 5,530     | 5,140                 |
|                                                        | 12-Dichloropropane             | 1                                   | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 135-Trimethylbenzene           | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 13-Dichlorobenzene             | 3"                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 13-Dichloropropane             | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 14-Dichlorobenzene             | 3"                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 1-Chlorohexane                 | NS                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 22-Dichloropropane             | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 2-Chlorotoluene                | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | 4-Chlorotoluene                | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Benzene                        | 1                                   | ND                  | ND                   | 0.33 J     | ND                     | ND        | 0.23 J                | ND        | ND                    |
|                                                        | Bromobenzene                   | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Bromochloromethane             | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Bromodichloromethane           | NS/50                               | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Bromoform                      | NS/50                               | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Bromomethane                   | 5'                                  | ND                  | ND                   | ND         | ND                     | ND J      | ND J                  | ND J      | ND J                  |
|                                                        | Carbon Tetrachloride           | 5                                   | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Chlorobenzene                  | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Chloroethane                   | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Chloroform                     | 7                                   | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Chloromethane                  | NS/5                                | ND                  | ND                   | ND         | ND                     | ND J      | ND J                  | ND J      | ND J                  |
|                                                        | cis-1,3-Dichloropropylene      | 0.4"                                | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Dibromochloromethane           | NS/50                               | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Dibromomethane                 | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Dichlorodifluoromethane        | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND J      | ND J                  |
|                                                        | Ethylbenzene                   | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Hexachlorobutadiene            | 0.5                                 | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Isopropylbenzene               | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Methyl tert-butyl ether (MTBE) | NS/10                               | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Methylene chloride             | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Naphthalene                    | 10                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND J      | ND J                  |
|                                                        | n-Butylbenzene                 | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | n-Propylbenzene                | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | o-Xylene                       | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | p-&m-Xylenes                   | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | p-Isopropyltoluene             | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | sec-Butylbenzene               | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Styrene                        | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | tert-Butylbenzene              | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Tetrachloroethylene            | 5'                                  | ND                  | ND                   | 0.33 J     | 0.30 J                 | ND        | ND                    | ND        | ND                    |
|                                                        | Toluene                        | 5'                                  | ND                  | ND                   | 0.56       | 0.76                   | 0.34 J    | 0.32 J                | ND        | ND                    |
|                                                        | trans-1,3-Dichloropropylene    | 0.4"                                | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Trichloroethylene              | 5'                                  | 4200 J              | 3800 J               | 8,700      | 10,000                 | 6,500 DJ  | 5,900 DJ              | 4,700     | 4,500                 |
|                                                        | Trichlorofluoromethane         | 5'                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Vinyl chloride                 | 2                                   | 450                 | 480                  | ND         | ND                     | 930       | 930                   | 580 DJ    | 570 DJ                |
|                                                        | TOTAL CVOCs                    |                                     | 9,065.3             | 5,391                | 16,579     | 19,738                 | 14,029    | 12,708                | 10,810    | 10,210                |
| Sample Date                                            |                                |                                     | 4/6/2015            | 4/6/2015             | 10/16/2015 | 10/16/2015             | 3/16/2016 | 3/16/2016             | 3/23/2017 | 3/23/2017             |
| EPA Method<br>6010 Priority<br>Pollutant<br>Metals     | Antimony                       | 3                                   | 6                   | 7                    | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Arsenic                        | 25                                  | 15                  | 14                   | 30         | 23                     | 16 J      | 16 J                  | 19        | 17                    |
|                                                        | Beryllium                      | 11***                               | ND                  | ND                   | 2          | 1                      | 1         | ND                    | ND        | ND                    |
|                                                        | Cadmium                        | 5                                   | 75                  | 78                   | 91         | 78                     | 64        | 33                    | 28        | 24                    |
|                                                        | Chromium                       | 50                                  | 13                  | 18                   | 74         | 41                     | 12        | 6                     | 31        | 28                    |
|                                                        | Copper                         | 200                                 | 26                  | 33                   | 101        | 71                     | 108       | 31                    | 45        | 39                    |
|                                                        | Lead                           | 25                                  | 7                   | 10                   | 51         | 39                     | 70        | 15                    | 13        | 11                    |
|                                                        | Nickel                         | 100                                 | 870                 | 857                  | 367        | 321                    | 225       | 185                   | 184       | 188                   |
|                                                        | Selenium                       | 10                                  | ND J                | ND J                 | 15         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Silver                         | 50                                  | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Thallium                       | 8                                   | ND                  | ND                   | ND         | ND                     | ND        | ND                    | ND        | ND                    |
|                                                        | Zinc                           | NS/2,000                            | 250                 | 259                  | 466        | 325                    | 244       | 103                   | 130       | 116                   |
|                                                        | Mercury                        | 0.7                                 | ND J                | ND J                 | ND J       | ND J                   | ND        | ND                    | ND        | ND                    |

**Table 2:** Groundwater Monitoring Data

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)

Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample Location                                        |                                |                                     | MW-1                |                        |          |                       |           |                  |           |                     |
|--------------------------------------------------------|--------------------------------|-------------------------------------|---------------------|------------------------|----------|-----------------------|-----------|------------------|-----------|---------------------|
| Sample Date                                            |                                |                                     | 11/13/2017          | 11/13/2017<br>(MW-DUP) | 3/5/2018 | 3/5/2018<br>(MW-DUP2) | 11/1/2018 | 11/1/18 (MW-DUP) | 3/28/2019 | 3/28/19<br>(MW-DUP) |
| Analyte                                                | Units                          | Part 703<br>Groundwater<br>Standard | Post-Remedy Results |                        |          |                       |           |                  |           |                     |
| EPA Method<br>8260<br>Volatile<br>Organic<br>Compounds | 1112-Tetrachloroethane         | 5'                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | 111-Trichloroethane            | 5'                                  | ND                  | ND                     | 2.4 J    | 2.2 J                 | ND        | ND               | 2.8       | 2.7                 |
|                                                        | 1122-Tetrachloroethane         | 5'                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | 112-Trichloroethane            | 1                                   | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | 11-Dichloroethane              | 5'                                  | ND                  | ND                     | 3.7 J    | 3.7 J                 | 6.4 D     | 5.7 J            | 1.6       | 1.6                 |
|                                                        | 11-Dichloroethylene            | 5'                                  | ND                  | ND                     | ND       | ND                    | 24 D      | 18 J             | 4.3       | 4.1                 |
|                                                        | 11-Dichloropropylene           | NS/5                                | ND                  | ND                     | ND       | ND                    | --        | --               | --        | --                  |
|                                                        | 123-Trichlorobenzene           | 5'                                  | ND                  | ND                     | ND J     | ND J                  | ND J      | ND J             | ND        | ND                  |
|                                                        | 123-Trichloropropane           | 0.04                                | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | 123-Trimethylbenzene           | 5'                                  | ND                  | ND                     | ND       | ND                    | --        | --               | --        | --                  |
|                                                        | 124-Trichlorobenzene           | 5'                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | 124-Trimethylbenzene           | 5'                                  | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | 12-Dibromo-3-chloropropane     | 0.04                                | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | 12-Dibromoethane               | NS/5                                | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | 12-Dichlorobenzene             | 3"                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | 12-Dichloroethane              | 0.6                                 | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | 12-Dichloroethylene (Total)    | 5'                                  | 27,630 DJ           | 26,620 DJ              | 750      | 802                   | 8,470 D   | 15,300 D         | 920 D     | 956 D               |
|                                                        | 12-Dichloropropane             | 1                                   | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | 135-Trimethylbenzene           | 5'                                  | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | 13-Dichlorobenzene             | 3"                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | 13-Dichloropropane             | 5'                                  | ND                  | ND                     | ND       | ND                    | --        | --               | --        | --                  |
|                                                        | 14-Dichlorobenzene             | 3"                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | 1-Chlorohexane                 | NS                                  | ND                  | ND                     | ND       | ND                    | --        | --               | --        | --                  |
|                                                        | 22-Dichloropropane             | 5'                                  | ND                  | ND                     | ND       | ND                    | --        | --               | --        | --                  |
|                                                        | 2-Chlorotoluene                | 5'                                  | ND                  | ND                     | ND       | ND                    | --        | --               | --        | --                  |
|                                                        | 4-Chlorotoluene                | 5'                                  | ND                  | ND                     | ND       | ND                    | --        | --               | --        | --                  |
|                                                        | Benzene                        | 1                                   | ND                  | ND                     | ND       | ND                    | ND        | 0.28 J           | ND        | ND                  |
|                                                        | Bromobenzene                   | 5'                                  | ND                  | ND                     | ND       | ND                    | --        | --               | --        | --                  |
|                                                        | Bromochloromethane             | 5'                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | Bromodichloromethane           | NS/50                               | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | Bromofom                       | NS/50                               | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND J      | ND J                |
|                                                        | Bromomethane                   | 5'                                  | ND J                | ND J                   | ND J     | ND J                  | ND J      | ND J             | ND J      | ND J                |
|                                                        | Carbon Tetrachloride           | 5                                   | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | Chlorobenzene                  | 5'                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | Chloroethane                   | 5'                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | Chloroform                     | 7                                   | ND                  | ND                     | ND       | ND                    | ND        | ND               | 0.28 J    | 0.27 J              |
|                                                        | Chloromethane                  | NS/5                                | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | cis-13-Dichloropropylene       | 0.4"                                | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | Dibromochloromethane           | NS/50                               | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | Dibromomethane                 | 5'                                  | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | Dichlorodifluoromethane        | 5'                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | Ethylbenzene                   | 5'                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | Hexachlorobutadiene            | 0.5                                 | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND J      | ND J                |
|                                                        | Isopropylbenzene               | 5'                                  | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | Methyl tert-butyl ether (MTBE) | NS/10                               | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | Methylene chloride             | 5'                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | Naphthalene                    | 10                                  | ND                  | ND                     | ND       | ND                    | --        | --               | --        | --                  |
|                                                        | n-Butylbenzene                 | 5'                                  | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND J      | ND J                |
|                                                        | n-Propylbenzene                | 5'                                  | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | o-Xylene                       | 5'                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | p-&m-Xylenes                   | 5'                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | p-Isopropyltoluene             | 5'                                  | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | sec-Butylbenzene               | 5'                                  | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | Styrene                        | 5'                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | tert-Butylbenzene              | 5'                                  | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | Tetrachloroethylene            | 5'                                  | ND                  | ND                     | ND       | ND                    | ND        | 0.34 J           | 0.35 J    | 0.28 J              |
|                                                        | Toluene                        | 5'                                  | ND                  | ND                     | ND       | ND                    | 0.64 JD   | 0.44 J           | ND        | ND                  |
|                                                        | trans-13-Dichloropropylene     | 0.4"                                | ND                  | ND                     | ND       | ND                    | ND J      | ND J             | ND        | ND                  |
|                                                        | Trichloroethylene              | 5'                                  | 23,000 DJ           | 23,000 DJ              | 780      | 840                   | 8,800 JD  | 15,000 DJ        | 1,300 DJ  | 1,300 DJ            |
|                                                        | Trichlorofluoromethane         | 5'                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | Vinyl chloride                 | 2                                   | 2,500 DJ            | 2,300 DJ               | 110      | 120                   | 1,400 D   | 1,500 D          | 150       | 140                 |
| TOTAL CVOCs                                            |                                |                                     | 53,130              | 51,920                 | 1,646.1  | 1,767.9               | 18,700.4  | 31,824.04        | 2,379.33  | 2,404.95            |
| EPA Method<br>6010 Priority<br>Pollutant<br>Metals     | Sample Date                    |                                     | 11/13/2017          | 11/13/2017             | 3/5/2018 | 3/5/2018              | 11/1/2018 | 11/1/2018        | 3/28/2019 | 3/28/2019           |
|                                                        | Antimony                       | 3                                   | ND J                | ND J                   | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | Arsenic                        | 25                                  | 31 J                | 21                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | Beryllium                      | 11"                                 | 2                   | 3                      | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | Cadmium                        | 5                                   | 82                  | 87                     | 77       | 78                    | 6         | 8                | 60 J      | 59 J                |
|                                                        | Chromium                       | 50                                  | 10                  | 19                     | 11       | 23                    | 8         | ND               | 138 J     | 139 J               |
|                                                        | Copper                         | 200                                 | 78 J                | 270 B                  | 9        | 17                    | ND        | 26               | ND        | ND                  |
|                                                        | Lead                           | 25                                  | 84                  | 124                    | ND       | 6                     | ND        | 13               | ND J      | ND J                |
|                                                        | Nickel                         | 100                                 | 394                 | 449                    | 190      | 184                   | 178       | 182              | 145 J     | 139 J               |
|                                                        | Selenium                       | 10                                  | ND                  | ND                     | 50       | 51                    | 51 J      | 46 J             | 85 J      | 94 J                |
|                                                        | Silver                         | 50                                  | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | Thallium                       | 8                                   | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |
|                                                        | Zinc                           | NS/2,000                            | 263                 | 426                    | 154      | 168                   | ND        | 36               | 138       | 129                 |
|                                                        | Mercury                        | 0.7                                 | ND                  | ND                     | ND       | ND                    | ND        | ND               | ND        | ND                  |

**Table 2:** Groundwater Monitoring Data

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)

Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample Location                                        |                                |                                     | MW-1                |                        |            |                      |            |                        |
|--------------------------------------------------------|--------------------------------|-------------------------------------|---------------------|------------------------|------------|----------------------|------------|------------------------|
| Sample Date                                            |                                |                                     | 10/29/2019          | 10/29/2019<br>(MW-DUP) | 6/1/2020   | 6/1/2020<br>(MW-DUP) | 10/22/2020 | 10/22/2020<br>(MW-DUP) |
| Analyte                                                | Units                          | Part 703<br>Groundwater<br>Standard | Post-Remedy Results |                        |            |                      |            |                        |
|                                                        |                                |                                     |                     |                        |            |                      |            |                        |
| EPA Method<br>8260<br>Volatile<br>Organic<br>Compounds | 1,1,1,2-Tetrachloroethane      | 5"                                  | ND                  | ND                     | ND         | ND                   | ND         | ND J                   |
|                                                        | 1,1,1-Trichloroethane          | 5"                                  | ND                  | ND                     | ND         | ND                   | ND J       | ND                     |
|                                                        | 1,1,2,2-Tetrachloroethane      | 5"                                  | ND                  | ND                     | ND         | ND                   | ND J       | ND                     |
|                                                        | 1,1,2-Trichloroethane          | 1                                   | 0.47 J              | 0.53                   | 0.43 J     | ND                   | ND J       | 0.33 J                 |
|                                                        | 1,1-Dichloroethane             | 5"                                  | 18                  | 17                     | 21         | 20                   | ND J       | 18                     |
|                                                        | 1,1-Dichloroethylene           | 5"                                  | 91                  | 92                     | 150        | 130                  | 200        | 120 E                  |
|                                                        | 1,1-Dichloropropylene          | NS/5                                | --                  | --                     | --         | --                   | --         | --                     |
|                                                        | 1,2,3-Trichlorobenzene         | 5"                                  | ND J                | ND J                   | ND J       | ND J                 | ND         | ND                     |
|                                                        | 1,2,3-Trichloropropane         | 0.04                                | ND                  | ND                     | ND         | ND                   | ND         | ND J                   |
|                                                        | 1,2,3-Trimethylbenzene         | 5"                                  | --                  | --                     | --         | --                   | --         | --                     |
|                                                        | 1,2,4-Trichlorobenzene         | 5"                                  | ND                  | ND                     | ND J       | ND J                 | ND         | ND                     |
|                                                        | 1,2,4-Trimethylbenzene         | 5"                                  | ND                  | ND                     | ND         | ND                   | ND J       | ND J                   |
|                                                        | 1,2-Dibromo-3-chloropropane    | 0.04                                | ND                  | ND                     | ND         | ND                   | ND         | ND                     |
|                                                        | 1,2-Dibromoethane              | NS/5                                | ND                  | ND                     | ND         | ND                   | ND         | ND                     |
|                                                        | 1,2-Dichlorobenzene            | 3"                                  | ND                  | ND                     | ND         | ND                   | ND         | ND J                   |
|                                                        | 1,2-Dichloroethane             | 0.6                                 | ND                  | ND                     | ND         | ND                   | ND         | ND                     |
|                                                        | 1,2-Dichloroethylene (Total)   | 5"                                  | 32,890 D            | 35,810 D               | 28,770 D B | 27,730 D B           | 41,400 J   | 1,740 E J              |
|                                                        | 1,2-Dichloropropane            | 1                                   | ND                  | ND                     | ND         | ND                   | ND J       | ND                     |
|                                                        | 1,3,5-Trimethylbenzene         | 5"                                  | ND                  | ND                     | ND         | ND                   | ND J       | ND J                   |
|                                                        | 1,3-Dichlorobenzene            | 3"                                  | ND                  | ND                     | ND         | ND                   | ND J       | ND J                   |
|                                                        | 1,3-Dichloropropane            | 5"                                  | --                  | --                     | --         | --                   | --         | --                     |
|                                                        | 1,4-Dichlorobenzene            | 3"                                  | ND                  | ND                     | ND         | ND                   | ND J       | ND J                   |
|                                                        | 1-Chlorohexane                 | NS                                  | --                  | --                     | --         | --                   | --         | --                     |
|                                                        | 2,2-Dichloropropane            | 5"                                  | --                  | --                     | --         | --                   | --         | --                     |
|                                                        | 2-Chlorotoluene                | 5"                                  | --                  | --                     | --         | --                   | --         | --                     |
|                                                        | 4-Chlorotoluene                | 5"                                  | --                  | --                     | --         | --                   | --         | --                     |
|                                                        | Benzene                        | 1                                   | 0.88                | 0.89                   | 1.00       | 0.92                 | ND         | 0.83 J                 |
|                                                        | Bromobenzene                   | 5"                                  | --                  | --                     | --         | --                   | --         | --                     |
|                                                        | Bromochloromethane             | 5"                                  | ND                  | ND                     | ND         | ND                   | ND         | ND                     |
|                                                        | Bromodichloromethane           | NS/50                               | ND                  | ND                     | ND         | ND                   | ND         | ND                     |
|                                                        | Bromoform                      | NS/50                               | ND                  | ND                     | ND J       | ND J                 | ND         | ND                     |
|                                                        | Bromomethane                   | 5"                                  | ND J                | ND J                   | ND J       | ND J                 | ND         | ND J                   |
|                                                        | Carbon Tetrachloride           | 5                                   | ND                  | ND                     | ND         | ND                   | ND         | ND                     |
|                                                        | Chlorobenzene                  | 5"                                  | ND                  | ND                     | ND         | ND                   | ND J       | ND J                   |
|                                                        | Chloroethane                   | 5"                                  | ND                  | ND                     | ND         | ND                   | ND J       | ND                     |
|                                                        | Chloroform                     | 7                                   | ND                  | ND                     | ND         | ND                   | ND         | ND                     |
|                                                        | Chloromethane                  | NS/5                                | 0.29 J              | 0.34 J                 | 1.1 B J    | 1.6 B J              | ND J       | ND                     |
|                                                        | cis-1,3-Dichloropropylene      | 0.4"                                | ND                  | ND                     | ND J       | ND J                 | ND J       | ND                     |
|                                                        | Dibromochloromethane           | NS/50                               | ND                  | ND                     | ND J       | ND J                 | ND         | ND                     |
|                                                        | Dibromomethane                 | 5"                                  | ND                  | ND                     | ND         | ND                   | ND         | ND                     |
|                                                        | Dichlorodifluoromethane        | 5"                                  | ND J                | ND J                   | ND J       | ND J                 | ND J       | ND J                   |
|                                                        | Ethylbenzene                   | 5"                                  | ND                  | ND                     | ND         | ND                   | ND J       | ND J                   |
|                                                        | Hexachlorobutadiene            | 0.5                                 | ND J                | ND J                   | ND         | ND                   | ND         | ND                     |
|                                                        | Isopropylbenzene               | 5"                                  | ND                  | ND                     | ND         | ND                   | ND         | ND J                   |
|                                                        | Methyl tert-butyl ether (MTBE) | NS/10                               | ND                  | ND                     | ND         | ND                   | ND         | ND                     |
|                                                        | Methylene chloride             | 5"                                  | ND                  | ND                     | ND         | ND                   | ND         | ND                     |
|                                                        | Naphthalene                    | 10                                  | --                  | --                     | --         | --                   | --         | --                     |
|                                                        | n-Butylbenzene                 | 5"                                  | ND                  | ND                     | ND         | ND                   | ND J       | ND J                   |
|                                                        | n-Propylbenzene                | 5"                                  | ND                  | ND                     | ND         | ND                   | ND J       | ND J                   |
|                                                        | o-Xylene                       | 5"                                  | ND                  | ND                     | ND         | ND                   | ND J       | ND                     |
|                                                        | p-&m-Xylenes                   | 5"                                  | ND                  | ND                     | ND         | ND                   | ND J       | ND                     |
|                                                        | p-Isopropyltoluene             | 5"                                  | ND                  | ND                     | ND         | ND                   | ND         | ND J                   |
|                                                        | sec-Butylbenzene               | 5"                                  | ND                  | ND                     | ND         | ND                   | ND         | ND J                   |
|                                                        | Styrene                        | 5"                                  | ND                  | ND                     | ND         | ND                   | ND         | ND                     |
|                                                        | tert-Butylbenzene              | 5"                                  | ND J                | ND J                   | ND J       | ND J                 | ND         | ND J                   |
|                                                        | Tetrachloroethylene            | 5"                                  | ND J                | ND J                   | 0.31 J     | 0.31 J               | ND J       | 0.22 J                 |
|                                                        | Toluene                        | 5"                                  | 15                  | 14                     | 15         | 13                   | ND J       | 1.1 J                  |
|                                                        | trans-1,3-Dichloropropylene    | 0.4"                                | ND                  | ND                     | ND J       | ND J                 | ND J       | ND J                   |
|                                                        | Trichloroethylene              | 5"                                  | 26,000 D            | 28,000 D               | 24,000 D B | 23,000 D B           | 37,000 J   | ND J                   |
|                                                        | Trichlorofluoromethane         | 5"                                  | ND                  | ND                     | ND         | ND                   | ND         | ND J                   |
|                                                        | Vinyl chloride                 | 2                                   | 4,600 D             | 4,000 D                | 5,100 D J  | 4,800 D J            | 6,800      | 800 E J                |
| TOTAL CVOCs                                            |                                |                                     | 63,599.76           | 67,920.10              | 58,045.34  | 55,684.13            | 84,600.00  | 2,678.52               |
|                                                        |                                |                                     | Sample Date         | 10/29/2019             | 10/29/2019 | 6/1/2020             | 6/1/2020   | 10/22/2020 10/22/2020  |
| EPA Method<br>6010 Priority<br>Pollutant<br>Metals     | Antimony                       | 3                                   | 1.93 J Di           | 1.88 J Di              | ND Di      | ND                   | ND Di      | ND                     |
|                                                        | Arsenic                        | 25                                  | 25.5 Di             | 23.7 Di                | ND Di      | ND                   | ND Di      | ND                     |
|                                                        | Beryllium                      | 11***                               | ND Di               | ND Di                  | ND Di      | ND                   | ND Di      | 1                      |
|                                                        | Cadmium                        | 5                                   | ND Di               | ND Di                  | ND Di      | ND                   | ND Di      | 13                     |
|                                                        | Chromium                       | 50                                  | ND Di               | ND Di                  | ND Di      | ND                   | ND Di      | 31                     |
|                                                        | Copper                         | 200                                 | 3.69 Di             | ND Di                  | ND Di      | ND                   | 46 B J Di  | 119                    |
|                                                        | Lead                           | 25                                  | ND Di               | ND Di                  | ND Di      | ND                   | ND Di      | 46                     |
|                                                        | Nickel                         | 100                                 | 338 Di              | 315 Di                 | 342 Di     | ND                   | 351 Di     | 417                    |
|                                                        | Selenium                       | 10                                  | 5.93 J Di           | 5.72 J Di              | 9.5 Di J   | 3.9 J                | 126 Di     | 105                    |
|                                                        | Silver                         | 50                                  | ND Di               | ND Di                  | ND Di      | ND                   | ND Di      | ND                     |
|                                                        | Thallium                       | 8                                   | ND Di               | ND Di                  | ND Di      | ND                   | ND Di      | ND                     |
|                                                        | Zinc                           | NS/2,000                            | 12.7 J Di           | 13.9 J Di              | ND Di      | ND                   | ND Di      | 162                    |
|                                                        | Mercury                        | 0.7                                 | ND Di               | ND Di                  | ND Di      | ND                   | ND Di      | ND                     |

**Table 2:** Groundwater Monitoring Data  
BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)  
Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample Location                                        |                                |                                     | MW-1                |                       |           |                       |          |                      |
|--------------------------------------------------------|--------------------------------|-------------------------------------|---------------------|-----------------------|-----------|-----------------------|----------|----------------------|
| Sample Date                                            |                                |                                     | 3/25/2021           | 3/25/2021<br>(MW-DUP) | 11/9/2021 | 11/9/2021<br>(MW-DUP) | 4/4/2022 | 4/4/2022<br>(MW-DUP) |
| Analyte                                                | Units                          | Part 703<br>Groundwater<br>Standard | Post-Remedy Results |                       |           |                       |          |                      |
|                                                        |                                |                                     |                     |                       |           |                       |          |                      |
| EPA Method<br>8260<br>Volatile<br>Organic<br>Compounds | 1,1,1,2-Tetrachloroethane      | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1,1,1-Trichloroethane          | 5"                                  | 31                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1,1,2,2-Tetrachloroethane      | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1,1,2-Trichloroethane          | 1                                   | 0.43 J              | 0.29 J                | ND        | ND                    | ND       | ND                   |
|                                                        | 1,1-Dichloroethane             | 5"                                  | 15                  | 16                    | 19.6      | 16.4                  | ND       | ND                   |
|                                                        | 1,1-Dichloroethylene           | 5"                                  | 100                 | 100                   | 119       | 73.0                  | 8.25     | 7.25                 |
|                                                        | 1,1-Dichloropropylene          | NS/5                                | --                  | --                    | --        | --                    | --       | --                   |
|                                                        | 1,2,3-Trichlorobenzene         | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1,2,3-Trichloropropane         | 0.04                                | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1,2,3-Trimethylbenzene         | 5"                                  | --                  | --                    | --        | --                    | --       | --                   |
|                                                        | 1,2,4-Trichlorobenzene         | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1,2,4-Trimethylbenzene         | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1,2-Dibromo-3-chloropropane    | 0.04                                | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1,2-Dibromoethane              | NS/5                                | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1,2-Dichlorobenzene            | 3"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1,2-Dichloroethane             | 0.6                                 | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1,2-Dichloroethylene (Total)   | 5"                                  | 25,770              | 23,730                | 40,708    | 36,978                | 1,995.5  | 1,807.0              |
|                                                        | 1,2-Dichloropropane            | 1                                   | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1,3,5-Trimethylbenzene         | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1,3-Dichlorobenzene            | 3"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1,3-Dichloropropane            | 5"                                  | --                  | --                    | --        | --                    | --       | --                   |
|                                                        | 1,4-Dichlorobenzene            | 3"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | 1-Chlorohexane                 | NS                                  | --                  | --                    | --        | --                    | --       | --                   |
|                                                        | 2,2-Dichloropropane            | 5"                                  | --                  | --                    | --        | --                    | --       | --                   |
|                                                        | 2-Chlorotoluene                | 5"                                  | --                  | --                    | --        | --                    | --       | --                   |
|                                                        | 4-Chlorotoluene                | 5"                                  | --                  | --                    | --        | --                    | --       | --                   |
|                                                        | Benzene                        | 1                                   | 0.82                | 0.78                  | 3.15      | ND                    | ND       | ND                   |
|                                                        | Bromobenzene                   | 5"                                  | --                  | --                    | --        | --                    | --       | --                   |
|                                                        | Bromochloromethane             | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Bromodichloromethane           | NS/50                               | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Bromoform                      | NS/50                               | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Bromomethane                   | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Carbon Tetrachloride           | 5                                   | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Chlorobenzene                  | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Chloroethane                   | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Chloroform                     | 7                                   | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Chloromethane                  | NS/5                                | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | cis-1,3-Dichloropropylene      | 0.4"                                | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Dibromochloromethane           | NS/50                               | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Dibromomethane                 | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Dichlorodifluoromethane        | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Ethylbenzene                   | 5"                                  | ND                  | ND                    | 110       | ND                    | ND       | ND                   |
|                                                        | Hexachlorobutadiene            | 0.5                                 | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Isopropylbenzene               | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Methyl tert-butyl ether (MTBE) | NS/10                               | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Methylene chloride             | 5"                                  | ND                  | ND                    | 12.6      | 15.6                  | 44.5     | 45.0                 |
|                                                        | Naphthalene                    | 10                                  | --                  | --                    | --        | --                    | --       | --                   |
|                                                        | n-Butylbenzene                 | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | n-Propylbenzene                | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | o-Xylene                       | 5"                                  | ND                  | ND                    | 135       | ND                    | ND       | ND                   |
|                                                        | p-&m-Xylenes                   | 5"                                  | ND                  | ND                    | 335       | ND                    | ND       | ND                   |
|                                                        | p-Isopropyltoluene             | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | sec-Butylbenzene               | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Styrene                        | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | tert-Butylbenzene              | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Tetrachloroethylene            | 5"                                  | 0.28 J              | 0.30 J                | ND J      | ND J                  | ND       | ND                   |
|                                                        | Toluene                        | 5"                                  | 12                  | 12                    | 5.20      | 115                   | 6.50     | ND                   |
|                                                        | trans-1,3-Dichloropropylene    | 0.4"                                | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Trichloroethylene              | 5"                                  | 23,000              | 21,000                | 29,600    | 29,600                | 2,530 B  | 2,100 B              |
|                                                        | Trichlorofluoromethane         | 5"                                  | ND                  | ND                    | ND        | ND                    | ND       | ND                   |
|                                                        | Vinyl chloride                 | 2                                   | 4,500               | 4,100                 | 3,400     | 4,320                 | 275      | 238                  |
| TOTAL CVOCs                                            |                                |                                     | 53,416.71           | 48,946.59             | 73,859.20 | 71,003.0              | 4,845.0  | 4,197.25             |
| Sample Date                                            |                                |                                     | 3/25/2021           | 3/25/2021             | 11/9/2021 | 11/9/2021             | 4/4/2022 | 4/4/2022             |
| EPA Method<br>6010 Priority<br>Pollutant<br>Metals     | Antimony                       | 3                                   | R                   | R                     | ND        | ND                    | 1.77     | 1.74                 |
|                                                        | Arsenic                        | 25                                  | ND Di               | ND Di                 | 26        | 248                   | 2.76     | 3.06                 |
|                                                        | Beryllium                      | 11***                               | ND Di               | ND Di                 | ND        | ND                    | ND       | ND                   |
|                                                        | Cadmium                        | 5                                   | ND Di               | ND Di                 | ND        | 313                   | 45.1     | 44.7                 |
|                                                        | Chromium                       | 50                                  | ND Di               | ND Di                 | ND        | 485                   | 67.4     | 64.0                 |
|                                                        | Copper                         | 200                                 | ND Di               | ND Di                 | ND        | 2.43                  | 8.28     | 11.3                 |
|                                                        | Lead                           | 25                                  | ND Di               | ND Di                 | ND        | ND                    | ND       | ND                   |
|                                                        | Nickel                         | 100                                 | ND Di               | ND Di                 | 327       | 323                   | 151      | 145                  |
|                                                        | Selenium                       | 10                                  | ND J,Di             | ND J,Di               | 116       | ND                    | ND       | ND                   |
|                                                        | Silver                         | 50                                  | ND Di               | ND Di                 | ND        | ND                    | ND       | ND                   |
|                                                        | Thallium                       | 8                                   | ND Di               | ND Di                 | ND        | ND                    | ND       | ND                   |
|                                                        | Zinc                           | NS/2,000                            | ND Di               | ND Di                 | ND        | 20.0 B                | 123 B    | 137 B                |
|                                                        | Mercury                        | 0.7                                 | ND Di               | ND Di                 | ND        | ND                    | ND       | ND                   |



**Table 2:** Groundwater Monitoring Data

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)

Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample Location                            |                                |       |                               | MW-2               |                     |            |           |           |                 |  |
|--------------------------------------------|--------------------------------|-------|-------------------------------|--------------------|---------------------|------------|-----------|-----------|-----------------|--|
| Sample Date                                |                                |       |                               | 12/23/2009         | 4/20/2011           | 10/20/2011 | 3/27/2012 | 10/9/2012 | 10/9/2012 (DUP) |  |
| Analyte                                    |                                | Units | Part 703 Groundwater Standard | Pre-Remedy Results | Post-Remedy Results |            |           |           |                 |  |
| EPA Method 8260 Volatile Organic Compounds | 1,1,1,2-Tetrachloroethane      | ug/L  | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,1,1-Trichloroethane          |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,1,2,2-Tetrachloroethane      |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,1,2-Trichloroethane          |       | 1                             | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,1-Dichloroethane             |       | 5'                            | ND                 | 11 J                | 13 J       | 13 J      | 17 J      | 14 J            |  |
|                                            | 1,1-Dichloroethylene           |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,1-Dichloropropylene          |       | NS/5                          | --                 | ND                  | ND         | ND J      | ND        | ND              |  |
|                                            | 1,2,3-Trichlorobenzene         |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,2,3-Trichloropropane         |       | 0.04                          | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,2,3-Trimethylbenzene         |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,2,4-Trichlorobenzene         |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,2,4-Trimethylbenzene         |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,2-Dibromo-3-chloropropane    |       | 0.04                          | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,2-Dibromoethane              |       | NS/5                          | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,2-Dichlorobenzene            |       | 3"                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,2-Dichloroethane             |       | 0.6                           | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,2-Dichloroethylene (Total)   |       | 5'                            | 33                 | 17                  | 25         | 29        | 48        | 45              |  |
|                                            | 1,2-Dichloropropane            |       | 1                             | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,3,5-Trimethylbenzene         |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,3-Dichlorobenzene            |       | 3"                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,3-Dichloropropane            |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1,4-Dichlorobenzene            |       | 3"                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 1-Chlorohexane                 |       | NS                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 2,2-Dichloropropane            |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 2-Chlorotoluene                |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | 4-Chlorotoluene                |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Benzene                        |       | 1                             | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Bromobenzene                   |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Bromochloromethane             |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Bromodichloromethane           |       | NS/50                         | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Bromoform                      |       | NS/50                         | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Bromomethane                   |       | 5'                            | --                 | ND                  | ND         | ND J      | ND        | ND              |  |
|                                            | Carbon Tetrachloride           |       | 5                             | --                 | ND                  | ND         | ND J      | ND        | ND              |  |
|                                            | Chlorobenzene                  |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Chloroethane                   |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Chloroform                     |       | 7                             | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Chloromethane                  |       | NS/5                          | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | cis-1,3-Dichloropropylene      |       | 0.4"                          | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Dibromochloromethane           |       | NS/50                         | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Dibromomethane                 |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Dichlorodifluoromethane        |       | 5'                            | --                 | ND                  | ND         | R         | ND        | ND              |  |
|                                            | Ethylbenzene                   |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Hexachlorobutadiene            |       | 0.5                           | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Isopropylbenzene               |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Methyl tert-butyl ether (MTBE) |       | NS/10                         | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Methylene chloride             |       | 5'                            | 4                  | 3.6 JB              | 4.9 JB     | ND        | ND        | ND              |  |
|                                            | Naphthalene                    |       | 10                            | ND                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | n-Butylbenzene                 |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | n-Propylbenzene                |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | o-Xylene                       |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | p-&m-Xylenes                   |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | p-Isopropyltoluene             |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | sec-Butylbenzene               |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Styrene                        |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | tert-Butylbenzene              |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Tetrachloroethylene            |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Toluene                        |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | trans-1,3-Dichloropropylene    |       | 0.4"                          | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Trichloroethylene              |       | 5'                            | 51                 | 3.6 J               | 3.2 J      | ND        | 3.3 J     | 2.8 J           |  |
|                                            | Trichlorofluoromethane         |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Vinyl chloride                 |       | 2                             | 10                 | 7.1                 | 6.7        | 5.7       | 8.8       | 7.0             |  |
| TOTAL CVOCs                                |                                |       |                               | 94                 | 28.8                | 36.2       | 36.0      | 61.8      | 56.2            |  |
| Sample Date                                |                                |       |                               | 12/23/2009         | 4/20/2011           | 10/20/2011 | 3/27/2012 | 10/9/2012 | 10/9/2012       |  |
| EPA Method 6010 Priority Pollutant Metals  | Antimony                       | ug/L  | 3                             | ND                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Arsenic                        |       | 25                            | 29                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Beryllium                      |       | 11"                           | 6                  | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Cadmium                        |       | 5                             | 10                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Chromium                       |       | 50                            | 58                 | 12                  | 7          | 5         | ND        | ND              |  |
|                                            | Copper                         |       | 200                           | 430                | 9                   | 5          | 6 J       | 6         | 7               |  |
|                                            | Lead                           |       | 25                            | 552                | 10                  | 7          | 6 J       | 8         | 6               |  |
|                                            | Nickel                         |       | 100                           | 113                | 41                  | 27         | 33        | 18        | 19              |  |
|                                            | Selenium                       |       | 10                            | 28                 | 10                  | 12         | 21 J      | 18        | 17              |  |
|                                            | Silver                         |       | 50                            | ND                 | ND                  | ND         | ND        | ND        | ND              |  |
|                                            | Thallium                       |       | 8                             | ND                 | ND                  | ND         | ND        | 21        | 21              |  |
|                                            | Zinc                           |       | NS/2,000                      | 431                | 44                  | 26         | 35        | 34        | 43              |  |
|                                            | Mercury                        |       | 0.7                           | 1.6                | ND                  | ND         | ND        | ND        | ND              |  |

**Table 2:** Groundwater Monitoring Data

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)

Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample Location                            |                                |       |                               | MW-2                |            |           |           |          |            |  |
|--------------------------------------------|--------------------------------|-------|-------------------------------|---------------------|------------|-----------|-----------|----------|------------|--|
| Sample Date                                |                                |       |                               | 3/11/2013           | 10/25/2013 | 3/26/2014 | 10/3/2014 | 4/6/2015 | 10/16/2015 |  |
| Analyte                                    |                                | Units | Part 703 Groundwater Standard | Post-Remedy Results |            |           |           |          |            |  |
| EPA Method 8260 Volatile Organic Compounds | 1,1,1,2-Tetrachloroethane      | ug/L  | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,1,1-Trichloroethane          |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,1,2,2-Tetrachloroethane      |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,1,2-Trichloroethane          |       | 1                             | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,1-Dichloroethane             |       | 5"                            | ND                  | ND         | ND        | 1.3       | ND       | 0.53       |  |
|                                            | 1,1-Dichloroethylene           |       | 5"                            | ND                  | ND         | ND        | 0.41 J    | ND       | ND         |  |
|                                            | 1,1-Dichloropropylene          |       | NS/5                          | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,2,3-Trichlorobenzene         |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,2,3-Trichloropropane         |       | 0.04                          | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,2,3-Trimethylbenzene         |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,2,4-Trichlorobenzene         |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,2,4-Trimethylbenzene         |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,2-Dibromo-3-chloropropane    |       | 0.04                          | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,2-Dibromoethane              |       | NS/5                          | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,2-Dichlorobenzene            |       | 3"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,2-Dichloroethane             |       | 0.6                           | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,2-Dichloroethylene (Total)   |       | 5"                            | 27                  | 18         | 20.28 J   | 34.42 J   | 25 J     | 11         |  |
|                                            | 1,2-Dichloropropane            |       | 1                             | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,3,5-Trimethylbenzene         |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,3-Dichlorobenzene            |       | 3"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,3-Dichloropropane            |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1,4-Dichlorobenzene            |       | 3"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 1-Chlorohexane                 |       | NS                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 2,2-Dichloropropane            |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 2-Chlorotoluene                |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | 4-Chlorotoluene                |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Benzene                        |       | 1                             | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Bromobenzene                   |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Bromochloromethane             |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Bromodichloromethane           |       | NS/50                         | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Bromoform                      |       | NS/50                         | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Bromomethane                   |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Carbon Tetrachloride           |       | 5                             | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Chlorobenzene                  |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Chloroethane                   |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Chloroform                     |       | 7                             | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Chloromethane                  |       | NS/5                          | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | cis-1,3-Dichloropropylene      |       | 0.4"                          | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Dibromochloromethane           |       | NS/50                         | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Dibromomethane                 |       | 5"                            | ND                  | ND         | R         | ND        | ND       | ND         |  |
|                                            | Dichlorodifluoromethane        |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Ethylbenzene                   |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Hexachlorobutadiene            |       | 0.5                           | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Isopropylbenzene               |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Methyl tert-butyl ether (MTBE) |       | NS/10                         | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Methylene chloride             |       | 5"                            | ND                  | ND         | ND        | ND        | 2.6 J    | 2.6 J      |  |
|                                            | Naphthalene                    |       | 10                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | n-Butylbenzene                 |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | n-Propylbenzene                |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | o-Xylene                       |       | 5"                            | ND                  | ND         | R         | ND        | ND       | ND         |  |
|                                            | p-&m-Xylenes                   |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | p-Isopropyltoluene             |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | sec-Butylbenzene               |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Styrene                        |       | 5"                            | ND                  | ND         | R         | ND        | ND       | ND         |  |
|                                            | tert-Butylbenzene              |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Tetrachloroethylene            |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Toluene                        |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | trans-1,3-Dichloropropylene    |       | 0.4"                          | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Trichloroethylene              |       | 5"                            | 18 J                | ND         | 14 J      | 22 J      | ND J     | 1.6        |  |
|                                            | Trichlorofluoromethane         |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Vinyl chloride                 |       | 2                             | ND                  | ND         | 12        | 20        | 6.9      | 3.7        |  |
| TOTAL CVOCs                                |                                |       |                               | 28.8                | 18         | 33.68     | 58.33     | 31.9     | 16.83      |  |
| Sample Date                                |                                |       |                               | 3/11/2013           | 10/25/2013 | 3/26/2014 | 10/3/2014 | 4/6/2015 | 10/16/2015 |  |
| EPA Method 6010 Priority Pollutant Metals  | Antimony                       | ug/L  | 3                             | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Arsenic                        |       | 25                            | ND                  | 43         | ND        | ND        | 5        | 6          |  |
|                                            | Beryllium                      |       | 11"                           | ND                  | 5          | ND        | ND        | ND       | ND         |  |
|                                            | Cadmium                        |       | 5                             | 4                   | 30         | 4         | ND        | ND       | ND         |  |
|                                            | Chromium                       |       | 50                            | 7                   | 160        | 7         | 8         | 8        | 6          |  |
|                                            | Copper                         |       | 200                           | ND                  | ND         | 6 J       | 13        | 12       | 40         |  |
|                                            | Lead                           |       | 25                            | 7                   | 7          | 7         | 9         | 6        | 30         |  |
|                                            | Nickel                         |       | 100                           | 73                  | 73         | 73        | 28        | 30       | 17         |  |
|                                            | Selenium                       |       | 10                            | 19                  | 19         | 19        | ND        | ND J     | ND         |  |
|                                            | Silver                         |       | 50                            | ND                  | ND         | ND        | ND        | ND       | ND         |  |
|                                            | Thallium                       |       | 8                             | ND                  | ND         | ND        | ND        | ND       | 8          |  |
|                                            | Zinc                           |       | NS/2,000                      | 57                  | 57         | 57        | 43        | 26       | 127        |  |
|                                            | Mercury                        |       | 0.7                           | ND                  | ND         | ND        | ND        | ND J     | ND J       |  |

**Table 2:** Groundwater Monitoring Data  
BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)  
Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample Location                            |                                |       |                               | MW-2                |           |            |          |           |           |  |
|--------------------------------------------|--------------------------------|-------|-------------------------------|---------------------|-----------|------------|----------|-----------|-----------|--|
| Sample Date                                |                                |       |                               | 3/16/2016           | 3/23/2017 | 11/13/2017 | 3/5/2018 | 11/1/2018 | 3/28/2019 |  |
| Analyte                                    |                                | Units | Part 703 Groundwater Standard | Post-Remedy Results |           |            |          |           |           |  |
| EPA Method 8260 Volatile Organic Compounds | 1,1,1,2-Tetrachloroethane      | ug/L  | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | 1,1,1-Trichloroethane          |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | 1,1,2,2-Tetrachloroethane      |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | 1,1,2-Trichloroethane          |       | 1                             | ND                  | ND        | ND         | ND       | ND J      | ND        |  |
|                                            | 1,1-Dichloroethane             |       | 5'                            | 0.37 J              | 0.62      | 0.47 J     | 0.48 J   | 0.31 J    | ND        |  |
|                                            | 1,1-Dichloroethylene           |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | 1,1-Dichloropropylene          |       | NS/5                          | ND                  | ND        | ND         | ND       | --        | --        |  |
|                                            | 1,2,3-Trichlorobenzene         |       | 5'                            | ND                  | ND        | ND         | ND J     | ND        | ND        |  |
|                                            | 1,2,3-Trichloropropane         |       | 0.04                          | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | 1,2,3-Trimethylbenzene         |       | 5'                            | ND                  | ND        | ND         | ND       | --        | --        |  |
|                                            | 1,2,4-Trichlorobenzene         |       | 5'                            | ND                  | ND J      | ND         | ND       | ND J      | ND        |  |
|                                            | 1,2,4-Trimethylbenzene         |       | 5'                            | ND                  | ND        | ND         | ND       | ND J      | ND        |  |
|                                            | 1,2-Dibromo-3-chloropropane    |       | 0.04                          | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | 1,2-Dibromoethane              |       | NS/5                          | ND                  | ND        | ND         | ND       | ND J      | ND        |  |
|                                            | 1,2-Dichlorobenzene            |       | 3"                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | 1,2-Dichloroethane             |       | 0.6                           | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | 1,2-Dichloroethylene (Total)   |       | 5'                            | 7.2                 | 17.2      | 11.21 J    | 14       | 13.36 J   | 0.96      |  |
|                                            | 1,2-Dichloropropane            |       | 1                             | ND                  | ND        | ND         | ND       | ND J      | ND        |  |
|                                            | 1,3,5-Trimethylbenzene         |       | 5'                            | ND                  | ND        | ND         | ND       | ND J      | ND        |  |
|                                            | 1,3-Dichlorobenzene            |       | 3"                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | 1,3-Dichloropropane            |       | 5'                            | ND                  | ND        | ND         | ND       | --        | --        |  |
|                                            | 1,4-Dichlorobenzene            |       | 3"                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | 1-Chlorohexane                 |       | NS                            | ND                  | ND        | ND         | ND       | --        | --        |  |
|                                            | 2,2-Dichloropropane            |       | 5'                            | ND                  | ND J      | ND         | ND       | --        | --        |  |
|                                            | 2-Chlorotoluene                |       | 5'                            | ND                  | ND        | ND         | ND       | --        | --        |  |
|                                            | 4-Chlorotoluene                |       | 5'                            | ND                  | ND        | ND         | ND       | --        | --        |  |
|                                            | Benzene                        |       | 1                             | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | Bromobenzene                   |       | 5'                            | ND                  | ND        | ND         | ND       | --        | --        |  |
|                                            | Bromochloromethane             |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | Bromodichloromethane           |       | NS/50                         | ND                  | ND        | ND         | ND       | ND J      | ND        |  |
|                                            | Bromoform                      |       | NS/50                         | ND                  | ND        | ND         | ND       | ND        | ND J      |  |
|                                            | Bromomethane                   |       | 5'                            | ND J                | ND        | ND J       | ND J     | ND J      | ND J      |  |
|                                            | Carbon Tetrachloride           |       | 5                             | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | Chlorobenzene                  |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | Chloroethane                   |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | Chloroform                     |       | 7                             | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | Chloromethane                  |       | NS/5                          | ND J                | ND        | ND         | ND       | ND        | ND        |  |
|                                            | cis-1,3-Dichloropropylene      |       | 0.4"                          | ND                  | ND        | ND         | ND       | ND J      | ND        |  |
|                                            | Dibromochloromethane           |       | NS/50                         | ND                  | ND        | ND         | ND       | ND J      | ND        |  |
|                                            | Dibromomethane                 |       | 5'                            | ND                  | ND        | ND         | ND       | ND J      | ND        |  |
|                                            | Dichlorodifluoromethane        |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | Ethylbenzene                   |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | Hexachlorobutadiene            |       | 0.5                           | ND                  | ND        | ND         | ND       | ND J      | ND J      |  |
|                                            | Isopropylbenzene               |       | 5'                            | ND                  | ND        | ND         | ND       | ND J      | ND        |  |
|                                            | Methyl tert-butyl ether (MTBE) |       | NS/10                         | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | Methylene chloride             |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | Naphthalene                    |       | 10                            | ND                  | ND        | ND         | ND       | --        | --        |  |
|                                            | n-Butylbenzene                 |       | 5'                            | ND                  | ND        | ND         | ND       | ND J      | ND J      |  |
|                                            | n-Propylbenzene                |       | 5'                            | ND                  | ND        | ND         | ND       | ND J      | ND        |  |
|                                            | o-Xylene                       |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | p-&m-Xylenes                   |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | p-Isopropyltoluene             |       | 5'                            | ND                  | ND        | ND         | ND       | ND J      | ND        |  |
|                                            | sec-Butylbenzene               |       | 5'                            | ND                  | ND        | ND         | ND       | ND J      | ND        |  |
|                                            | Styrene                        |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | tert-Butylbenzene              |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | Tetrachloroethylene            |       | 5'                            | ND                  | ND J      | ND         | ND       | ND        | ND        |  |
|                                            | Toluene                        |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | trans-1,3-Dichloropropylene    |       | 0.4"                          | ND                  | ND        | ND         | ND       | ND J      | ND        |  |
|                                            | Trichloroethylene              |       | 5'                            | 0.83 J              | 1.60      | 0.88 J     | 1.7      | 6.0 J     | 2.2 J     |  |
|                                            | Trichlorofluoromethane         |       | 5'                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | Vinyl chloride                 |       | 2                             | 11                  | 3.2       | 14 J       | 2.2      | 2.7       | ND        |  |
| TOTAL CVOCs                                |                                |       |                               | 9.5                 | 22.65     | 13.96      | 18.38    | 22.39     | 3.16      |  |
| Sample Date                                |                                |       |                               | 3/16/2016           | 3/23/2017 | 11/13/2017 | 3/5/2018 | 11/1/2018 | 3/28/2019 |  |
| EPA Method 6010 Priority Pollutant Metals  | Antimony                       | ug/L  | 3                             | 6                   | ND        | ND J       | ND       | ND        | ND        |  |
|                                            | Arsenic                        |       | 25                            | ND                  | 6         | ND J       | ND       | ND        | ND        |  |
|                                            | Beryllium                      |       | 11"                           | ND                  | ND        | ND J       | ND       | ND        | ND        |  |
|                                            | Cadmium                        |       | 5                             | ND                  | 5         | ND         | ND       | ND        | ND J      |  |
|                                            | Chromium                       |       | 50                            | ND                  | 13        | ND         | ND       | 7         | ND J      |  |
|                                            | Copper                         |       | 200                           | 19                  | 28        | R          | 11       | 30        | ND        |  |
|                                            | Lead                           |       | 25                            | 11                  | 5         | ND         | ND       | 21        | ND J      |  |
|                                            | Nickel                         |       | 100                           | ND                  | 27        | 28         | ND       | 19        | ND J      |  |
|                                            | Selenium                       |       | 10                            | ND                  | ND        | 23 J       | 80       | 56 J      | 37 J      |  |
|                                            | Silver                         |       | 50                            | ND                  | ND        | ND         | ND       | ND        | ND        |  |
|                                            | Thallium                       |       | 8                             | 7                   | 27        | ND         | 34       | ND        | ND        |  |
|                                            | Zinc                           |       | NS/2,000                      | 26                  | 60        | 57         | ND       | 47        | ND        |  |
| Mercury                                    | 0.7                            | ND    | ND                            | ND                  | ND        | ND         | ND       |           |           |  |

**Table 2:** Groundwater Monitoring Data  
BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)  
Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample Location                            |                                |       | MW-2                          |                     |            |           |           |          |        |
|--------------------------------------------|--------------------------------|-------|-------------------------------|---------------------|------------|-----------|-----------|----------|--------|
| Sample Date                                |                                |       | 10/29/2019                    | 6/1/2020            | 10/22/2020 | 3/25/2021 | 11/9/2021 | 4/4/2022 |        |
| Analyte                                    |                                | Units | Part 703 Groundwater Standard | Post-Remedy Results |            |           |           |          |        |
| EPA Method 8260 Volatile Organic Compounds | 1,1,1,2-Tetrachloroethane      | ug/L  | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | 1,1,1-Trichloroethane          |       | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,1,2,2-Tetrachloroethane      |       | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,1,2-Trichloroethane          |       | 1                             | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,1-Dichloroethane             |       | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,1-Dichloroethylene           |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | 1,1-Dichloropropylene          |       | NS/5                          | ND                  | ND         | --        | --        | --       | --     |
|                                            | 1,2,3-Trichlorobenzene         |       | 5"                            | ND J                | ND J       | ND        | ND        | ND       | ND     |
|                                            | 1,2,3-Trichloropropane         |       | 0.04                          | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | 1,2,3-Trimethylbenzene         |       | 5"                            | --                  | --         | --        | --        | --       | --     |
|                                            | 1,2,4-Trichlorobenzene         |       | 5"                            | ND                  | ND J       | ND        | ND        | ND       | ND     |
|                                            | 1,2,4-Trimethylbenzene         |       | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,2-Dibromo-3-chloropropane    |       | 0.04                          | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | 1,2-Dibromoethane              |       | NS/5                          | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | 1,2-Dichlorobenzene            |       | 3"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | 1,2-Dichloroethane             |       | 0.6                           | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | 1,2-Dichloroethylene (Total)   |       | 5"                            | 36.3                | ND         | ND J      | ND        | 2.41     | 0.960  |
|                                            | 1,2-Dichloropropane            |       | 1                             | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,3,5-Trimethylbenzene         |       | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,3-Dichlorobenzene            |       | 3"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,3-Dichloropropane            |       | 5"                            | --                  | --         | --        | --        | --       | --     |
|                                            | 1,4-Dichlorobenzene            |       | 3"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1-Chlorohexane                 |       | NS                            | --                  | --         | --        | --        | --       | --     |
|                                            | 2,2-Dichloropropane            |       | 5"                            | --                  | --         | --        | --        | --       | --     |
|                                            | 2-Chlorotoluene                |       | 5"                            | --                  | --         | --        | --        | --       | --     |
|                                            | 4-Chlorotoluene                |       | 5"                            | --                  | --         | --        | --        | --       | --     |
|                                            | Benzene                        |       | 1                             | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Bromobenzene                   |       | 5"                            | --                  | --         | --        | --        | --       | --     |
|                                            | Bromochloromethane             |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Bromodichloromethane           |       | NS/50                         | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | Bromoform                      |       | NS/50                         | ND                  | ND J       | ND        | ND        | ND       | ND     |
|                                            | Bromomethane                   |       | 5"                            | ND J                | ND J       | ND        | ND        | ND       | ND     |
|                                            | Carbon Tetrachloride           |       | 5                             | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Chlorobenzene                  |       | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | Chloroethane                   |       | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | Chloroform                     |       | 7                             | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Chloromethane                  |       | NS/5                          | ND J                | ND J       | ND J      | ND        | ND       | ND     |
|                                            | cis-1,3-Dichloropropylene      |       | 0.4"                          | ND                  | ND J       | ND J      | ND        | ND       | ND     |
|                                            | Dibromochloromethane           |       | NS/50                         | ND                  | ND J       | ND        | ND        | ND       | ND     |
|                                            | Dibromomethane                 |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Dichlorodifluoromethane        |       | 5"                            | ND J                | ND J       | ND J      | ND        | ND       | ND     |
|                                            | Ethylbenzene                   |       | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | Hexachlorobutadiene            |       | 0.5                           | ND J                | ND         | ND        | ND        | ND       | ND     |
|                                            | Isopropylbenzene               |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Methyl tert-butyl ether (MTBE) |       | NS/10                         | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Methylene chloride             |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Naphthalene                    |       | 10                            | --                  | --         | --        | --        | --       | --     |
|                                            | n-Butylbenzene                 |       | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | n-Propylbenzene                |       | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | o-Xylene                       |       | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | p-&m-Xylenes                   |       | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | p-Isopropyltoluene             |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | sec-Butylbenzene               |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Styrene                        |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | tert-Butylbenzene              |       | 5"                            | ND J                | ND J       | ND        | ND        | ND       | ND     |
|                                            | Tetrachloroethylene            |       | 5"                            | 0.23 J              | 0.24 J     | ND J      | ND        | ND J     | ND     |
|                                            | Toluene                        |       | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | trans-1,3-Dichloropropylene    |       | 0.4"                          | ND                  | ND J       | ND J      | ND        | ND       | ND     |
|                                            | Trichloroethylene              |       | 5"                            | 40.0                | 0.42 J     | ND J      | 0.21 J    | 1.86     | 0.670  |
|                                            | Trichlorofluoromethane         |       | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Vinyl chloride                 |       | 2                             | 9.6                 | ND J       | ND J      | ND        | ND       | ND     |
| TOTAL CVOCs                                |                                |       | 86.13                         | 0.66                | ND         | 0.21      | 4.27      | 1.630    |        |
| Sample Date                                |                                |       | 10/29/2019                    | 6/1/2020            | 10/22/2020 | 3/25/2021 | 11/9/2021 | 4/4/2022 |        |
| EPA Method 6010 Priority Pollutant Metals  | Antimony                       | ug/L  | 3                             | ND J                | ND         | ND        | ND        | ND       | ND     |
|                                            | Arsenic                        |       | 25                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Beryllium                      |       | 11"                           | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Cadmium                        |       | 5                             | 1.04                | ND         | ND        | ND        | 0.558    | 117    |
|                                            | Chromium                       |       | 50                            | 1.59                | ND         | ND        | ND        | ND       | 1.05   |
|                                            | Copper                         |       | 200                           | 6.87                | ND         | 32        | ND        | 3.55     | 4.58   |
|                                            | Lead                           |       | 25                            | ND                  | ND         | ND        | 12        | ND       | ND     |
|                                            | Nickel                         |       | 100                           | 42                  | ND         | ND        | ND        | 10.0     | 13.8   |
|                                            | Selenium                       |       | 10                            | 3.29 J              | 2.9 J      | ND        | ND        | 2.08     | ND     |
|                                            | Silver                         |       | 50                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Thallium                       |       | 8                             | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Zinc                           |       | NS/2,000                      | 19.5 J              | ND         | ND        | ND        | 19.6 B   | 36.1 B |
|                                            | Mercury                        |       | 0.7                           | ND                  | ND         | ND        | ND        | ND       | ND     |

**Table 2:** Groundwater Monitoring Data

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)  
Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample ID                                  |                                |       |                               | MW-5               |                     |            |           |           |           |      |
|--------------------------------------------|--------------------------------|-------|-------------------------------|--------------------|---------------------|------------|-----------|-----------|-----------|------|
| Sample Date                                |                                |       |                               | 1/14/2010          | 4/20/2011           | 10/20/2011 | 3/27/2012 | 10/9/2012 | 3/11/2013 |      |
| Analyte                                    |                                | Units | Part 703 Groundwater Standard | Pre-Remedy Results | Post-Remedy Results |            |           |           |           |      |
| EPA Method 8260 Volatile Organic Compounds | 1,1,1,2-Tetrachloroethane      | ug/L  | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        |      |
|                                            | 1,1,1-Trichloroethane          |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND        |      |
|                                            | 1,1,2,2-Tetrachloroethane      |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        |      |
|                                            | 1,1,2-Trichloroethane          |       | 1                             | --                 | ND                  | ND         | ND        | ND        | ND        |      |
|                                            | 1,1-Dichloroethane             |       | 5'                            | ND                 | ND                  | ND         | ND        | 0.81 J    | ND        |      |
|                                            | 1,1-Dichloroethylene           |       | 5'                            | ND                 | ND                  | ND         | ND        | 53        | ND        |      |
|                                            | 1,1-Dichloropropylene          |       | NS/5                          | --                 | ND                  | ND         | ND J      | ND        | ND        |      |
|                                            | 1,2,3-Trichlorobenzene         |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 1,2,3-Trichloropropane         |       | 0.04                          | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 1,2,3-Trimethylbenzene         |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 1,2,4-Trichlorobenzene         |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 1,2,4-Trimethylbenzene         |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 1,2-Dibromo-3-chloropropane    |       | 0.04                          | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 1,2-Dibromoethane              |       | NS/5                          | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 1,2-Dichlorobenzene            |       | 3''                           | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 1,2-Dichloroethane             |       | 0.6                           | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 1,2-Dichloroethylene (Total)   |       | 5'                            | ND                 | ND                  | 3.4 J      | ND        | ND        | ND        | 7.2  |
|                                            | 1,2-Dichloropropane            |       | 1                             | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 1,3,5-Trimethylbenzene         |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 1,3-Dichlorobenzene            |       | 3''                           | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 1,3-Dichloropropane            |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 1,4-Dichlorobenzene            |       | 3''                           | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 1-Chlorohexane                 |       | NS                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 2,2-Dichloropropane            |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 2-Chlorotoluene                |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | 4-Chlorotoluene                |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Benzene                        |       | 1                             | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Bromobenzene                   |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Bromochloromethane             |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Bromodichloromethane           |       | NS/50                         | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Bromoform                      |       | NS/50                         | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Bromomethane                   |       | 5'                            | --                 | ND                  | ND         | ND J      | ND        | ND        | ND   |
|                                            | Carbon Tetrachloride           |       | 5                             | --                 | ND                  | ND         | ND J      | ND        | ND        | ND   |
|                                            | Chlorobenzene                  |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Chloroethane                   |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Chloroform                     |       | 7                             | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Chloromethane                  |       | NS/5                          | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | cis-1,3-Dichloropropylene      |       | 0.4''                         | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Dibromochloromethane           |       | NS/50                         | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Dibromomethane                 |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Dichlorodifluoromethane        |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Ethylbenzene                   |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Hexachlorobutadiene            |       | 0.5                           | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Isopropylbenzene               |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Methyl tert-butyl ether (MTBE) |       | NS/10                         | --                 | ND                  | ND         | ND J      | ND        | ND        | ND J |
|                                            | Methylene chloride             |       | 5'                            | 2                  | 3.9 JB              | 4.6 JB     | ND        | ND        | ND        | ND   |
|                                            | Naphthalene                    |       | 10                            | ND                 | ND                  | ND         | ND J      | ND        | ND        | ND   |
|                                            | n-Butylbenzene                 |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | n-Propylbenzene                |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | o-Xylene                       |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | p-&m-Xylenes                   |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | p-Isopropyltoluene             |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | sec-Butylbenzene               |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Styrene                        |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | tert-Butylbenzene              |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Tetrachloroethylene            |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Toluene                        |       | 5'                            | ND                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | trans-1,3-Dichloropropylene    |       | 0.4''                         | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Trichloroethylene              |       | 5'                            | ND                 | ND                  | 6.1        | ND        | 45        | 9.4       |      |
|                                            | Trichlorofluoromethane         |       | 5'                            | --                 | ND                  | ND         | ND        | ND        | ND        | ND   |
|                                            | Vinyl chloride                 |       | 2                             | ND                 | ND                  | ND         | ND        | ND        | ND        | ND J |
| TOTAL CVOCs                                |                                |       |                               |                    |                     | 9.5        |           | 98.81     | 16.6      |      |
| Sample Date                                |                                |       |                               | 1/14/2010          | 4/20/2011           | 10/20/2011 | 3/27/2012 | 10/9/2012 | 3/11/2013 |      |
| EPA Method 6010 Priority Pollutant Metals  | Antimony                       | ug/L  | 3                             | ND                 | ND                  | ND         | ND        | ND        | ND        |      |
|                                            | Arsenic                        |       | 25                            | ND                 | ND                  | ND         | ND        | ND        | ND        |      |
|                                            | Beryllium                      |       | 11''''                        | ND                 | ND                  | ND         | ND        | ND        | ND        |      |
|                                            | Cadmium                        |       | 5                             | ND                 | ND                  | ND         | ND        | ND        | ND        |      |
|                                            | Chromium                       |       | 50                            | 7                  | ND                  | ND         | ND        | ND        | ND        |      |
|                                            | Copper                         |       | 200                           | 94                 | ND                  | 7          | ND J      | ND        | ND        |      |
|                                            | Lead                           |       | 25                            | 47                 | 3                   | 6          | ND J      | ND        | ND        |      |
|                                            | Nickel                         |       | 100                           | 29                 | 8                   | 5          | ND        | ND        | 5         |      |
|                                            | Selenium                       |       | 10                            | ND                 | ND                  | ND         | ND        | ND        | 11        |      |
|                                            | Silver                         |       | 50                            | ND                 | ND                  | ND         | ND        | ND        | ND        |      |
|                                            | Thallium                       |       | 8                             | ND                 | ND                  | ND         | ND        | ND        | ND        |      |
|                                            | Zinc                           |       | NS/2,000                      | 80                 | 35                  | 25         | ND        | 20        | 22        |      |
|                                            | Mercury                        |       | 0.7                           | ND                 | ND                  | ND         | ND J      | ND J      | ND        |      |

**Table 2:** Groundwater Monitoring Data

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)  
Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample ID                                              |                                                    |          | MW-5                                |                      |            |           |           |            |            |    |
|--------------------------------------------------------|----------------------------------------------------|----------|-------------------------------------|----------------------|------------|-----------|-----------|------------|------------|----|
| Sample Date                                            |                                                    |          | 10/25/2013                          | 10/25/13<br>(MW-DUP) | 3/26/2014  | 10/2/2014 | 4/6/2015  | 10/16/2015 |            |    |
| Analyte                                                |                                                    | Units    | Part 703<br>Groundwater<br>Standard | Post-Remedy Results  |            |           |           |            |            |    |
| EPA Method<br>8260<br>Volatile<br>Organic<br>Compounds | 1,1,1,2-Tetrachloroethane                          | ug/L     | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,1,1-Trichloroethane                              |          | 5'                                  | ND                   | ND         | 0.47 J    | ND        | ND         | 0.69       |    |
|                                                        | 1,1,2,2-Tetrachloroethane                          |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,1,2-Trichloroethane                              |          | 1                                   | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,1-Dichloroethane                                 |          | 5'                                  | ND                   | ND         | 0.85      | 2.1 J     | ND         | 1.9        |    |
|                                                        | 1,1-Dichloroethylene                               |          | 5'                                  | ND                   | ND         | 1.1       | 2.1 J     | ND         | 2.9        |    |
|                                                        | 1,1-Dichloropropylene                              |          | NS/5                                | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,2,3-Trichlorobenzene                             |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,2,3-Trichloropropane                             |          | 0.04                                | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,2,3-Trimethylbenzene                             |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,2,4-Trichlorobenzene                             |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,2,4-Trimethylbenzene                             |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,2-Dibromo-3-chloropropane                        |          | 0.04                                | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,2-Dibromoethane                                  |          | NS/5                                | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,2-Dichlorobenzene                                |          | 3"                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,2-Dichloroethane                                 |          | 0.6                                 | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,2-Dichloroethylene (Total)                       |          | 5'                                  | 49                   | 51         | 37.58     | 95        | 84 J       | 96.6       |    |
|                                                        | 1,2-Dichloropropane                                |          | 1                                   | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,3,5-Trimethylbenzene                             |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,3-Dichlorobenzene                                |          | 3"                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,3-Dichloropropane                                |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1,4-Dichlorobenzene                                |          | 3"                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 1-Chlorohexane                                     |          | NS                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 2,2-Dichloropropane                                |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 2-Chlorotoluene                                    |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | 4-Chlorotoluene                                    |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Benzene                                            |          | 1                                   | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Bromobenzene                                       |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Bromochloromethane                                 |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Bromodichloromethane                               |          | NS/50                               | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Bromoform                                          |          | NS/50                               | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Bromomethane                                       |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Carbon Tetrachloride                               |          | 5                                   | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Chlorobenzene                                      |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Chloroethane                                       |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | 0.56       |    |
|                                                        | Chloroform                                         |          | 7                                   | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Chloromethane                                      |          | NS/5                                | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | cis-1,3-Dichloropropylene                          |          | 0.4"                                | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Dibromochloromethane                               |          | NS/50                               | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Dibromomethane                                     |          | 5'                                  | ND                   | ND         | R         | ND        | ND         | ND         |    |
|                                                        | Dichlorodifluoromethane                            |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Ethylbenzene                                       |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Hexachlorobutadiene                                |          | 0.5                                 | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Isopropylbenzene                                   |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Methyl tert-butyl ether (MTBE)                     |          | NS/10                               | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Methylene chloride                                 |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Naphthalene                                        |          | 10                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | n-Butylbenzene                                     |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | n-Propylbenzene                                    |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | o-Xylene                                           |          | 5'                                  | ND                   | ND         | R         | ND        | ND         | ND         |    |
|                                                        | p-&m-Xylenes                                       |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | p-Isopropyltoluene                                 |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | sec-Butylbenzene                                   |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Styrene                                            |          | 5'                                  | ND                   | ND         | R         | ND        | ND         | ND         |    |
|                                                        | tert-Butylbenzene                                  |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Tetrachloroethylene                                |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Toluene                                            |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | trans-1,3-Dichloropropylene                        |          | 0.4"                                | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Trichloroethylene                                  |          | 5'                                  | 78                   | 84         | 110       | 230       | 290 J      | 400 E      |    |
|                                                        | Trichlorofluoromethane                             |          | 5'                                  | ND                   | ND         | ND        | ND        | ND         | ND         |    |
|                                                        | Vinyl chloride                                     |          | 2                                   | ND                   | ND         | ND        | ND        | ND         | 0.41 J     |    |
|                                                        | TOTAL CVOCs                                        |          |                                     | 127                  | 135        | 150.00    | 329.2     | 374        | 503.06     |    |
|                                                        | Sample Date                                        |          |                                     | 10/25/2013           | 10/25/2013 | 3/26/2014 | 10/3/2014 | 4/6/2015   | 10/16/2015 |    |
|                                                        | EPA Method<br>6010 Priority<br>Pollutant<br>Metals |          | Antimony                            | ug/L                 | 3          | ND        | ND        | ND         | ND         | ND |
| Arsenic                                                |                                                    | 25       | ND                                  |                      | 4          | 7         | 9         | 26         |            |    |
| Beryllium                                              |                                                    | 11"      | ND                                  |                      | ND         | ND        | ND        | ND         |            |    |
| Cadmium                                                |                                                    | 5        | ND                                  |                      | ND         | ND        | ND        | ND         |            |    |
| Chromium                                               |                                                    | 50       | ND                                  |                      | ND         | ND        | 9         | 8          |            |    |
| Copper                                                 |                                                    | 200      | 5                                   |                      | 4          | R         | ND        | 10         | 46         |    |
| Lead                                                   |                                                    | 25       | ND                                  |                      | 4          | ND        | ND        | 3          | 27         |    |
| Nickel                                                 |                                                    | 100      | 12                                  |                      | 12         | 5         | 18        | 13         | 36         |    |
| Selenium                                               |                                                    | 10       | ND                                  |                      | ND         | ND        | 11        | ND J       | ND         |    |
| Silver                                                 |                                                    | 50       | ND                                  |                      | ND         | ND        | ND        | ND         | ND         |    |
| Thallium                                               |                                                    | 8        | ND                                  |                      | ND         | ND        | ND        | ND         | 17         |    |
| Zinc                                                   |                                                    | NS/2,000 | 29                                  |                      | 29         | 22        | 32        | 19         | 154        |    |
| Mercury                                                | 0.7                                                | ND       | ND                                  | ND                   | ND         | ND J      | ND J      |            |            |    |



**Table 2:** Groundwater Monitoring Data  
BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)  
Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample ID                                  |                                |       | MW-5                          |                     |            |          |           |           |         |
|--------------------------------------------|--------------------------------|-------|-------------------------------|---------------------|------------|----------|-----------|-----------|---------|
| Sample Date                                |                                |       | 3/16/2016                     | 3/23/2017           | 11/13/2017 | 3/5/2018 | 11/1/2018 | 3/28/2019 |         |
| Analyte                                    |                                | Units | Part 703 Groundwater Standard | Post-Remedy Results |            |          |           |           |         |
| EPA Method 8260 Volatile Organic Compounds | 111,2-Tetrachloroethane        | ug/L  | 5'                            | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | 11,1-Trichloroethane           |       | 5'                            | 0.27 J              | ND         | ND       | ND        | ND        | ND      |
|                                            | 11,2,2-Tetrachloroethane       |       | 5'                            | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | 11,2-Trichloroethane           |       | 1                             | ND                  | ND         | ND       | ND        | ND J      | ND      |
|                                            | 1,1-Dichloroethane             |       | 5'                            | 0.85                | 0.34 J     | 0.63 J   | 0.35 J    | 0.41 J    | 0.33 J  |
|                                            | 1,1-Dichloroethylene           |       | 5'                            | 11                  | 0.37 J     | ND       | ND        | 0.46 J    | 0.32 J  |
|                                            | 1,1-Dichloropropylene          |       | NS/5                          | ND                  | ND         | ND       | ND        | --        | --      |
|                                            | 1,2,3-Trichlorobenzene         |       | 5'                            | ND                  | ND         | ND       | ND J      | ND        | ND      |
|                                            | 1,2,3-Trichloropropane         |       | 0.04                          | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | 1,2,3-Trimethylbenzene         |       | 5'                            | ND                  | ND         | ND       | ND        | --        | --      |
|                                            | 1,2,4-Trichlorobenzene         |       | 5'                            | ND                  | ND J       | ND       | ND        | ND J      | ND      |
|                                            | 1,2,4-Trimethylbenzene         |       | 5'                            | ND                  | ND         | ND       | ND        | ND J      | ND      |
|                                            | 1,2-Dibromo-3-chloropropane    |       | 0.04                          | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | 1,2-Dibromoethane              |       | NS/5                          | ND                  | ND         | ND       | ND        | ND J      | ND      |
|                                            | 1,2-Dichlorobenzene            |       | 3"                            | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | 1,2-Dichloroethane             |       | 0.6                           | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | 1,2-Dichloroethylene (Total)   |       | 5'                            | 44.56               | 20.26      | 36.44 J  | 20.30 J   | 26.47 J   | 16.27 J |
|                                            | 1,2-Dichloropropane            |       | 1                             | ND                  | ND         | ND       | ND        | ND J      | ND      |
|                                            | 1,3,5-Trimethylbenzene         |       | 5'                            | ND                  | ND         | ND       | ND        | ND J      | ND      |
|                                            | 1,3-Dichlorobenzene            |       | 3"                            | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | 1,3-Dichloropropane            |       | 5'                            | ND                  | ND         | ND       | ND        | --        | --      |
|                                            | 1,4-Dichlorobenzene            |       | 3"                            | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | 1-Chlorohexane                 |       | NS                            | ND                  | ND         | ND       | ND        | --        | --      |
|                                            | 2,2-Dichloropropane            |       | 5'                            | ND                  | ND J       | ND       | ND        | --        | --      |
|                                            | 2-Chlorotoluene                |       | 5'                            | ND                  | ND         | ND       | ND        | --        | --      |
|                                            | 4-Chlorotoluene                |       | 5'                            | ND                  | ND         | ND       | ND        | --        | --      |
|                                            | Benzene                        |       | 1                             | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | Bromobenzene                   |       | 5'                            | ND                  | ND         | ND       | ND        | --        | --      |
|                                            | Bromochloromethane             |       | 5'                            | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | Bromodichloromethane           |       | NS/50                         | ND                  | ND         | ND       | ND        | ND J      | ND      |
|                                            | Bromoform                      |       | NS/50                         | ND                  | ND         | ND       | ND        | ND        | ND J    |
|                                            | Bromomethane                   |       | 5'                            | ND J                | ND         | ND J     | ND J      | ND J      | ND J    |
|                                            | Carbon Tetrachloride           |       | 5                             | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | Chlorobenzene                  |       | 5'                            | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | Chloroethane                   |       | 5'                            | 0.21 J              | ND         | ND       | ND        | ND        | ND      |
|                                            | Chloroform                     |       | 7                             | ND                  | ND         | 0.28 J   | ND        | ND        | ND      |
|                                            | Chloromethane                  |       | NS/5                          | ND J                | ND         | ND       | ND        | 1.1       | ND      |
|                                            | cis-1,3-Dichloropropylene      |       | 0.4"                          | ND                  | ND         | ND       | ND        | ND J      | ND      |
|                                            | Dibromochloromethane           |       | NS/50                         | ND                  | ND         | ND       | ND        | ND J      | ND      |
|                                            | Dibromomethane                 |       | 5'                            | ND                  | ND         | ND       | ND        | ND J      | ND      |
|                                            | Dichlorodifluoromethane        |       | 5'                            | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | Ethylbenzene                   |       | 5'                            | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | Hexachlorobutadiene            |       | 0.5                           | ND                  | ND         | ND       | ND        | ND J      | ND J    |
|                                            | Isopropylbenzene               |       | 5'                            | ND                  | ND         | ND       | ND        | ND J      | ND      |
|                                            | Methyl tert-butyl ether (MTBE) |       | NS/10                         | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | Methylene chloride             |       | 5'                            | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | Naphthalene                    |       | 10                            | ND                  | ND         | ND       | ND        | --        | --      |
|                                            | n-Butylbenzene                 |       | 5'                            | ND                  | ND         | ND       | ND        | ND J      | ND J    |
|                                            | n-Propylbenzene                |       | 5'                            | ND                  | ND         | ND       | ND        | ND J      | ND      |
|                                            | o-Xylene                       |       | 5'                            | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | p-&m-Xylenes                   |       | 5'                            | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | p-Isopropyltoluene             |       | 5'                            | ND                  | ND         | ND       | ND        | ND J      | ND      |
|                                            | sec-Butylbenzene               |       | 5'                            | ND                  | ND         | ND       | ND        | ND J      | ND      |
| Styrene                                    | 5'                             | ND    | ND                            | ND                  | ND         | ND       | ND        |           |         |
| tert-Butylbenzene                          | 5'                             | ND    | ND                            | ND                  | ND         | ND       | ND        |           |         |
| Tetrachloroethylene                        | 5'                             | ND    | ND J                          | ND                  | ND         | ND       | ND        |           |         |
| Toluene                                    | 5'                             | ND    | ND                            | ND                  | ND         | ND       | ND        |           |         |
| trans-1,3-Dichloropropylene                | 0.4"                           | ND    | ND                            | ND                  | ND         | ND J     | ND        |           |         |
| Trichloroethylene                          | 5'                             | 150 J | 39                            | 56 J                | 51         | 70 J     | 31 J      |           |         |
| Trichlorofluoromethane                     | 5'                             | ND    | ND                            | ND                  | ND         | ND       | ND        |           |         |
| Vinyl chloride                             | 2                              | ND    | ND                            | ND                  | ND         | 0.30 J   | ND        |           |         |
| TOTAL CVOCs                                |                                |       | 196.99                        | 59.97               | 93.35      | 71.65    | 98.74     | 47.92     |         |
| Sample Date                                |                                |       | 3/16/2016                     | 3/27/2017           | 11/13/2017 | 3/5/2018 | 11/1/2018 | 3/28/2019 |         |
| EPA Method 6050 Priority Pollutant Metals  | Antimony                       | ug/L  | 3                             | 7                   | 8          | ND J     | 9         | ND        | ND      |
|                                            | Arsenic                        |       | 25                            | ND                  | 7          | ND J     | ND        | ND        | ND      |
|                                            | Beryllium                      |       | 11"                           | ND                  | ND         | ND J     | ND        | ND        | ND      |
|                                            | Cadmium                        |       | 5                             | ND                  | ND         | ND       | ND        | ND        | ND J    |
|                                            | Chromium                       |       | 50                            | ND                  | 6          | ND       | ND        | ND        | ND J    |
|                                            | Copper                         |       | 200                           | 14                  | 24         | R        | 13        | ND        | ND      |
|                                            | Lead                           |       | 25                            | 6                   | 4          | ND       | ND        | ND        | ND J    |
|                                            | Nickel                         |       | 100                           | ND                  | ND         | ND J     | ND        | 11        | ND J    |
|                                            | Selenium                       |       | 10                            | ND                  | ND         | ND       | 99        | 35 J      | 102 J   |
|                                            | Silver                         |       | 50                            | ND                  | ND         | ND       | ND        | ND        | ND      |
|                                            | Thallium                       |       | 8                             | ND                  | 9          | ND       | ND        | ND        | ND      |
|                                            | Zinc                           |       | NS/2,000                      | 29                  | 38         | ND       | ND        | ND        | ND      |
| Mercury                                    | 0.7                            | ND    | ND                            | ND                  | ND         | ND       | ND        |           |         |

**Table 2:** Groundwater Monitoring Data  
BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)  
Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample ID                                  |                                |        | MW-5                          |                     |            |           |           |          |        |
|--------------------------------------------|--------------------------------|--------|-------------------------------|---------------------|------------|-----------|-----------|----------|--------|
| Sample Date                                |                                |        | 10/29/2019                    | 6/1/2020            | 10/22/2020 | 3/25/2021 | 11/9/2021 | 4/4/2022 |        |
| Analyte                                    |                                | Units  | Part 703 Groundwater Standard | Post-Remedy Results |            |           |           |          |        |
| EPA Method 8260 Volatile Organic Compounds | 1,1,1,2-Tetrachloroethane      | ug/L   | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | 1,1,1-Trichloroethane          |        | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,1,2,2-Tetrachloroethane      |        | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,1,2-Trichloroethane          |        | 1                             | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,1-Dichloroethane             |        | 5"                            | 0.49 J              | 0.44 J     | ND J      | 0.56      | 0.370    | 0.280  |
|                                            | 1,1-Dichloroethylene           |        | 5"                            | 0.50                | 0.31 J     | ND        | 0.62      | 0.320    | 0.250  |
|                                            | 1,1-Dichloropropylene          |        | NS/5                          | --                  | --         | --        | --        | --       | --     |
|                                            | 1,2,3-Trichlorobenzene         |        | 5"                            | ND J                | ND J       | ND        | ND        | ND       | ND     |
|                                            | 1,2,3-Trichloropropane         |        | 0.04                          | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | 1,2,3-Trimethylbenzene         |        | 5"                            | --                  | --         | --        | --        | --       | --     |
|                                            | 1,2,4-Trichlorobenzene         |        | 5"                            | ND                  | ND J       | ND        | ND        | ND       | ND     |
|                                            | 1,2,4-Trimethylbenzene         |        | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,2-Dibromo-3-chloropropane    |        | 0.04                          | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | 1,2-Dibromoethane              |        | NS/5                          | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | 1,2-Dichlorobenzene            |        | 3"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | 1,2-Dichloroethane             |        | 0.6                           | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | 1,2-Dichloroethylene (Total)   |        | 5"                            | 42.2                | 19.28 J    | 95 J      | 37.62     | 27.440   | 19.040 |
|                                            | 1,2-Dichloropropane            |        | 1                             | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,3,5-Trimethylbenzene         |        | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,3-Dichlorobenzene            |        | 3"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1,3-Dichloropropane            |        | 5"                            | --                  | --         | --        | --        | --       | --     |
|                                            | 1,4-Dichlorobenzene            |        | 3"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | 1-Chlorohexane                 |        | NS                            | --                  | --         | --        | --        | --       | --     |
|                                            | 2,2-Dichloropropane            |        | 5"                            | --                  | --         | --        | --        | --       | --     |
|                                            | 2-Chlorotoluene                |        | 5"                            | --                  | --         | --        | --        | --       | --     |
|                                            | 4-Chlorotoluene                |        | 5"                            | --                  | --         | --        | --        | --       | --     |
|                                            | Benzene                        |        | 1                             | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Bromobenzene                   |        | 5"                            | --                  | --         | --        | --        | --       | --     |
|                                            | Bromochloromethane             |        | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Bromodichloromethane           |        | NS/50                         | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | Bromoform                      |        | NS/50                         | ND                  | ND J       | ND        | ND        | ND       | ND     |
|                                            | Bromomethane                   |        | 5"                            | ND J                | ND J       | ND        | ND        | ND       | ND     |
|                                            | Carbon Tetrachloride           |        | 5                             | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Chlorobenzene                  |        | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | Chloroethane                   |        | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | Chloroform                     |        | 7                             | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Chloromethane                  |        | NS/5                          | 0.29 J              | 0.21 J     | ND J      | 0.80      | ND       | ND     |
|                                            | cis-1,3-Dichloropropylene      |        | 0.4"                          | ND                  | ND J       | ND J      | ND        | ND       | ND     |
|                                            | Dibromochloromethane           |        | NS/50                         | ND                  | ND J       | ND        | ND        | ND       | ND     |
|                                            | Dibromomethane                 |        | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Dichlorodifluoromethane        |        | 5"                            | ND J                | ND J       | ND J      | ND        | ND       | ND     |
|                                            | Ethylbenzene                   |        | 5"                            | ND                  | ND         | ND J      | ND        | ND       | ND     |
|                                            | Hexachlorobutadiene            |        | 0.5                           | ND J                | ND         | ND        | ND        | ND       | ND     |
|                                            | Isopropylbenzene               |        | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Methyl tert-butyl ether (MTBE) |        | NS/10                         | ND                  | ND         | ND        | ND        | ND       | ND     |
|                                            | Methylene chloride             |        | 5"                            | ND                  | ND         | ND        | ND        | ND       | ND     |
| Naphthalene                                | 10                             | --     | --                            | --                  | --         | --        | --        |          |        |
| n-Butylbenzene                             | 5"                             | ND     | ND                            | ND J                | ND         | ND        | ND        |          |        |
| n-Propylbenzene                            | 5"                             | ND     | ND                            | ND J                | ND         | ND        | ND        |          |        |
| o-Xylene                                   | 5"                             | ND     | ND                            | ND J                | ND         | ND        | ND        |          |        |
| p- & m-Xylenes                             | 5"                             | ND     | ND                            | ND J                | ND         | ND        | ND        |          |        |
| p-Isopropyltoluene                         | 5"                             | ND     | ND                            | ND                  | ND         | ND        | ND        |          |        |
| sec-Butylbenzene                           | 5"                             | ND     | ND                            | ND                  | ND         | ND        | ND        |          |        |
| Styrene                                    | 5"                             | ND     | ND                            | ND                  | ND         | ND        | ND        |          |        |
| tert-Butylbenzene                          | 5"                             | ND J   | ND J                          | ND                  | ND         | ND        | ND        |          |        |
| Tetrachloroethylene                        | 5"                             | ND J   | ND                            | ND J                | ND         | ND J      | ND        |          |        |
| Toluene                                    | 5"                             | ND J   | ND                            | ND J                | ND         | ND        | ND        |          |        |
| trans-1,3-Dichloropropylene                | 0.4"                           | ND     | ND J                          | ND J                | ND         | ND        | ND        |          |        |
| Trichloroethylene                          | 5"                             | 67     | 37                            | 110 J               | 71         | 68.6      | 35.0 B    |          |        |
| Trichlorofluoromethane                     | 5"                             | ND     | ND                            | ND                  | ND         | ND        | ND        |          |        |
| Vinyl chloride                             | 2                              | 2.9    | ND J                          | ND J                | 0.28 J     | ND        | ND        |          |        |
| TOTAL CVOCs                                |                                |        | 113.38                        | 57.24               | 205.00     | 110.88    | 96.040    | 54.040   |        |
| Sample Date                                |                                |        | 10/29/2019                    | 6/1/2020            | 10/22/2020 | 3/25/2021 | 11/9/2021 | 4/4/2022 |        |
| EPA Method 6010 Priority Pollutant Metals  | Antimony                       | ug/L   | 3                             | ND J                | ND         | ND        | 113       | ND       |        |
|                                            | Arsenic                        |        | 25                            | 2.90                | ND         | ND        | 3.65      | 2.09     |        |
|                                            | Beryllium                      |        | 11"                           | ND                  | ND         | ND        | ND        | ND       |        |
|                                            | Cadmium                        |        | 5                             | ND                  | 10         | ND        | ND        | ND       |        |
|                                            | Chromium                       |        | 50                            | ND                  | 13         | ND        | ND        | ND       |        |
|                                            | Copper                         |        | 200                           | 1.86                | ND         | 24        | ND        | 2.65     | 1.46   |
|                                            | Lead                           |        | 25                            | ND                  | ND         | 7         | ND        | ND       | ND     |
|                                            | Nickel                         |        | 100                           | 3.52                | 321        | ND        | ND        | 3.72     | 2.06   |
|                                            | Selenium                       |        | 10                            | 3.29 J              | 9.7 J      | 54        | 70        | ND       | ND     |
|                                            | Silver                         |        | 50                            | ND                  | ND         | ND        | ND        | ND       | ND     |
| Thallium                                   | 8                              | ND     | ND                            | ND                  | ND         | ND        | ND        |          |        |
| Zinc                                       | NS/2,000                       | 8.32 J | ND                            | ND                  | ND         | 20.0 B    | 16.3 B    |          |        |
| Mercury                                    | 0.7                            | ND     | ND                            | ND                  | ND         | ND        | ND        |          |        |

**Table 2:** Groundwater Monitoring Data

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)

Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample ID                                              |                                |        | MW-6                                |                     |      |
|--------------------------------------------------------|--------------------------------|--------|-------------------------------------|---------------------|------|
| Sample Date                                            |                                |        | 3/5/2018                            | 10/22/2020          |      |
| Analyte                                                |                                | Units  | Part 703<br>Groundwater<br>Standard | Post-Remedy Results |      |
| EPA Method<br>8260<br>Volatile<br>Organic<br>Compounds | 1.1.1.2-Tetrachloroethane      | ug/L   | 5"                                  | ND                  | ND J |
|                                                        | 1.1.1-Trichloroethane          |        | 5"                                  | 0.38 J              | ND   |
|                                                        | 1.1.2.2-Tetrachloroethane      |        | 5"                                  | ND                  | ND   |
|                                                        | 1.1.2-Trichloroethane          |        | 1                                   | ND                  | ND J |
|                                                        | 1.1-Dichloroethane             |        | 5"                                  | 0.29 J              | 0.54 |
|                                                        | 1.1-Dichloroethylene           |        | 5"                                  | ND                  | ND   |
|                                                        | 1.1-Dichloropropylene          |        | NS/5                                | --                  | --   |
|                                                        | 1.2.3-Trichlorobenzene         |        | 5"                                  | ND J                | ND   |
|                                                        | 1.2.3-Trichloropropane         |        | 0.04                                | ND                  | ND J |
|                                                        | 1.2.3-Trimethylbenzene         |        | 5"                                  | --                  | --   |
|                                                        | 1.2.4-Trichlorobenzene         |        | 5"                                  | ND                  | ND   |
|                                                        | 1.2.4-Trimethylbenzene         |        | 5"                                  | ND                  | ND J |
|                                                        | 1.2-Dibromo-3-chloropropane    |        | 0.04                                | ND                  | ND   |
|                                                        | 1.2-Dibromoethane              |        | NS/5                                | ND                  | ND   |
|                                                        | 1.2-Dichlorobenzene            |        | 3"                                  | ND                  | ND J |
|                                                        | 1.2-Dichloroethane             |        | 0.6                                 | ND                  | ND   |
|                                                        | 1.2-Dichloroethylene (Total)   |        | 5"                                  | 12.38 J             | 4.2  |
|                                                        | 1.2-Dichloropropane            |        | 1                                   | ND                  | ND   |
|                                                        | 1.3.5-Trimethylbenzene         |        | 5"                                  | ND                  | ND J |
|                                                        | 1.3-Dichlorobenzene            |        | 3"                                  | ND                  | ND J |
|                                                        | 1.3-Dichloropropane            |        | 5"                                  | --                  | --   |
|                                                        | 1.4-Dichlorobenzene            |        | 3"                                  | ND                  | ND J |
|                                                        | 1-Chlorohexane                 |        | NS                                  | --                  | --   |
|                                                        | 2.2-Dichloropropane            |        | 5"                                  | --                  | --   |
|                                                        | 2-Chlorotoluene                |        | 5"                                  | --                  | --   |
|                                                        | 4-Chlorotoluene                |        | 5"                                  | --                  | --   |
|                                                        | Benzene                        |        | 1                                   | ND                  | ND J |
|                                                        | Bromobenzene                   |        | 5"                                  | --                  | --   |
|                                                        | Bromochloromethane             |        | 5"                                  | ND                  | ND   |
|                                                        | Bromodichloromethane           |        | NS/50                               | ND                  | ND   |
|                                                        | Bromoform                      |        | NS/50                               | ND                  | ND   |
|                                                        | Bromomethane                   |        | 5"                                  | ND J                | ND J |
|                                                        | Carbon Tetrachloride           |        | 5                                   | ND                  | ND   |
|                                                        | Chlorobenzene                  |        | 5"                                  | ND                  | ND J |
|                                                        | Chloroethane                   |        | 5"                                  | ND                  | ND   |
|                                                        | Chloroform                     |        | 7                                   | ND                  | ND   |
|                                                        | Chloromethane                  |        | NS/5                                | ND                  | ND   |
|                                                        | cis-1,3-Dichloropropylene      |        | 0.4"                                | ND                  | ND   |
|                                                        | Dibromochloromethane           |        | NS/50                               | ND                  | ND   |
|                                                        | Dibromomethane                 |        | 5"                                  | ND                  | ND   |
|                                                        | Dichlorodifluoromethane        |        | 5"                                  | ND J                | ND J |
|                                                        | Ethylbenzene                   |        | 5"                                  | ND                  | ND J |
|                                                        | Hexachlorobutadiene            |        | 0.5                                 | ND                  | ND   |
|                                                        | Isopropylbenzene               |        | 5"                                  | ND                  | ND J |
|                                                        | Methyl tert-butyl ether (MTBE) |        | NS/10                               | ND                  | ND   |
|                                                        | Methylene chloride             |        | 5"                                  | ND                  | ND   |
|                                                        | Naphthalene                    |        | 10                                  | --                  | --   |
|                                                        | n-Butylbenzene                 |        | 5"                                  | ND                  | ND J |
|                                                        | n-Propylbenzene                |        | 5"                                  | ND                  | ND J |
|                                                        | o-Xylene                       |        | 5"                                  | ND                  | ND   |
| p-&m-Xylenes                                           | 5"                             | ND     | ND                                  |                     |      |
| p-Isopropyltoluene                                     | 5"                             | ND     | ND J                                |                     |      |
| sec-Butylbenzene                                       | 5"                             | ND     | ND J                                |                     |      |
| Styrene                                                | 5"                             | ND     | ND                                  |                     |      |
| tert-Butylbenzene                                      | 5"                             | ND     | ND J                                |                     |      |
| Tetrachloroethylene                                    | 5"                             | ND     | ND J                                |                     |      |
| Toluene                                                | 5"                             | ND     | ND J                                |                     |      |
| trans-1,3-Dichloropropylene                            | 0.4"                           | ND     | ND J                                |                     |      |
| Trichloroethylene                                      | 5"                             | 26     | 5.4                                 |                     |      |
| Trichlorofluoromethane                                 | 5"                             | ND     | ND J                                |                     |      |
| Vinyl chloride                                         | 2                              | 0.23 J | ND J                                |                     |      |
| TOTAL CVOCs                                            |                                |        | 39.28                               | 10.14               |      |

**Table 2:** Groundwater Monitoring Data

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)

Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample ID                                              |                                |       | MW-7                                |                     |           |          |           |           |          |
|--------------------------------------------------------|--------------------------------|-------|-------------------------------------|---------------------|-----------|----------|-----------|-----------|----------|
| Sample Date                                            |                                |       |                                     | 3/5/2018            | 3/28/2019 | 6/1/2020 | 3/25/2021 | 11/9/2021 | 4/4/2022 |
| Analyte                                                |                                | Units | Part 703<br>Groundwater<br>Standard | Post-Remedy Results |           |          |           |           |          |
| EPA Method<br>8260<br>Volatile<br>Organic<br>Compounds | 1,1,1,2-Tetrachloroethane      | ug/L  | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | 1,1,1-Trichloroethane          |       | 5"                                  | 1.5                 | 0.28 J    | 1.20     | 1.4       | 1.81      | 0.420    |
|                                                        | 1,1,2,2-Tetrachloroethane      |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | 1,1,2-Trichloroethane          |       | 1                                   | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | 1,1-Dichloroethane             |       | 5"                                  | 3.6                 | 0.29 J    | 3.6      | 3.8       | 4.38      | 1.27     |
|                                                        | 1,1-Dichloroethylene           |       | 5"                                  | 0.25 J              | ND        | 0.22 J   | ND        | ND        | ND       |
|                                                        | 1,1-Dichloropropylene          |       | NS/5                                | --                  | --        | --       | --        | --        | --       |
|                                                        | 1,2,3-Trichlorobenzene         |       | 5"                                  | ND J                | ND        | ND J     | ND        | ND        | ND       |
|                                                        | 1,2,3-Trichloropropane         |       | 0.04                                | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | 1,2,3-Trimethylbenzene         |       | 5"                                  | --                  | --        | --       | --        | --        | --       |
|                                                        | 1,2,4-Trichlorobenzene         |       | 5"                                  | ND                  | ND        | ND J     | ND        | ND        | ND       |
|                                                        | 1,2,4-Trimethylbenzene         |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | 1,2-Dibromo-3-chloropropane    |       | 0.04                                | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | 1,2-Dibromoethane              |       | NS/5                                | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | 1,2-Dichlorobenzene            |       | 3"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | 1,2-Dichloroethane             |       | 0.6                                 | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | 1,2-Dichloroethylene (Total)   |       | 5"                                  | 11.35 J             | 8.70      | 11.47 J  | 10.44 J   | 13.83     | 4.64     |
|                                                        | 1,2-Dichloropropane            |       | 1                                   | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | 1,3,5-Trimethylbenzene         |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | 1,3-Dichlorobenzene            |       | 3"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | 1,3-Dichloropropane            |       | 5"                                  | --                  | --        | --       | --        | --        | --       |
|                                                        | 1,4-Dichlorobenzene            |       | 3"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | 1-Chlorohexane                 |       | NS                                  | --                  | --        | --       | --        | --        | --       |
|                                                        | 2,2-Dichloropropane            |       | 5"                                  | --                  | --        | --       | --        | --        | --       |
|                                                        | 2-Chlorotoluene                |       | 5"                                  | --                  | --        | --       | --        | --        | --       |
|                                                        | 4-Chlorotoluene                |       | 5"                                  | --                  | --        | --       | --        | --        | --       |
|                                                        | Benzene                        |       | 1                                   | ND                  | ND        | 0.20 J   | ND        | 0.210     | ND       |
|                                                        | Bromobenzene                   |       | 5"                                  | --                  | --        | --       | --        | --        | --       |
|                                                        | Bromochloromethane             |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | Bromodichloromethane           |       | NS/50                               | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | Bromoform                      |       | NS/50                               | ND                  | ND J      | ND J     | ND        | ND        | ND       |
|                                                        | Bromomethane                   |       | 5"                                  | ND                  | ND J      | ND J     | ND        | ND        | ND       |
|                                                        | Carbon Tetrachloride           |       | 5                                   | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | Chlorobenzene                  |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | Chloroethane                   |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | Chloroform                     |       | 7                                   | 0.32 J              | ND        | ND       | ND        | 0.240     | ND       |
|                                                        | Chloromethane                  |       | NS/5                                | ND                  | ND        | 3.0 J    | ND        | ND        | ND       |
|                                                        | cis-1,3-Dichloropropylene      |       | 0.4"                                | ND                  | ND        | ND J     | ND        | ND        | ND       |
|                                                        | Dibromochloromethane           |       | NS/50                               | ND                  | ND        | ND J     | ND        | ND        | ND       |
|                                                        | Dibromomethane                 |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | Dichlorodifluoromethane        |       | 5"                                  | ND                  | ND        | ND J     | ND        | ND        | ND       |
|                                                        | Ethylbenzene                   |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | Hexachlorobutadiene            |       | 0.5                                 | ND                  | ND J      | ND       | ND        | ND        | ND       |
|                                                        | Isopropylbenzene               |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | Methyl tert-butyl ether (MTBE) |       | NS/10                               | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | Methylene chloride             |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | Naphthalene                    |       | 10                                  | --                  | --        | --       | --        | --        | --       |
|                                                        | n-Butylbenzene                 |       | 5"                                  | ND                  | ND J      | ND       | ND        | ND        | ND       |
|                                                        | n-Propylbenzene                |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | o-Xylene                       |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | p-&m-Xylenes                   |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | p-Isopropyltoluene             |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | sec-Butylbenzene               |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | Styrene                        |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
|                                                        | tert-Butylbenzene              |       | 5"                                  | ND                  | ND        | ND J     | ND        | ND        | ND       |
|                                                        | Tetrachloroethylene            |       | 5"                                  | ND                  | ND        | ND       | ND        | ND J      | ND       |
|                                                        | Toluene                        |       | 5"                                  | ND                  | ND        | ND       | ND        | ND        | ND       |
| trans-1,3-Dichloropropylene                            | 0.4"                           | ND    | ND                                  | ND J                | ND        | ND       | ND        |           |          |
| Trichloroethylene                                      | 5"                             | 39    | 17                                  | 38                  | 36        | 47.8     | 24.8 B    |           |          |
| Trichlorofluoromethane                                 | 5"                             | ND    | ND                                  | ND                  | ND        | ND       | ND        |           |          |
| Vinyl chloride                                         | 2                              | 2.9   | ND                                  | 1.7 J               | 0.48 J    | ND       | ND        |           |          |
| TOTAL CVOCs                                            |                                |       |                                     | 58.92               | 26.27     | 58.39    | 52.12     | 67.82     | 31.13    |

**Table 2:** Groundwater Monitoring Data

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)

Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample ID                                                         |                                | MW-8                                |                        |  |
|-------------------------------------------------------------------|--------------------------------|-------------------------------------|------------------------|--|
| Sample Date                                                       |                                | 4/4/2022                            |                        |  |
| Analyte                                                           | Units                          | Part 703<br>Groundwater<br>Standard | Post-Remedy<br>Results |  |
| <b>EPA Method<br/>8260<br/>Volatile<br/>Organic<br/>Compounds</b> | 1,1,1,2-Tetrachloroethane      | 5'                                  | ND                     |  |
|                                                                   | 1,1,1-Trichloroethane          | 5'                                  | 1.36                   |  |
|                                                                   | 1,1,2,2-Tetrachloroethane      | 5'                                  | ND                     |  |
|                                                                   | 1,1,2-Trichloroethane          | 1                                   | ND                     |  |
|                                                                   | 1,1-Dichloroethane             | 5'                                  | 1.71                   |  |
|                                                                   | 1,1-Dichloroethylene           | 5'                                  | ND                     |  |
|                                                                   | 1,1-Dichloropropylene          | NS/5                                | --                     |  |
|                                                                   | 1,2,3-Trichlorobenzene         | 5'                                  | ND                     |  |
|                                                                   | 1,2,3-Trichloropropane         | 0.04                                | ND                     |  |
|                                                                   | 1,2,3-Trimethylbenzene         | 5'                                  | --                     |  |
|                                                                   | 1,2,4-Trichlorobenzene         | 5'                                  | ND                     |  |
|                                                                   | 1,2,4-Trimethylbenzene         | 5'                                  | ND                     |  |
|                                                                   | 1,2-Dibromo-3-chloropropane    | 0.04                                | ND                     |  |
|                                                                   | 1,2-Dibromoethane              | NS/5                                | ND                     |  |
|                                                                   | 1,2-Dichlorobenzene            | 3''                                 | ND                     |  |
|                                                                   | 1,2-Dichloroethane             | 0.6                                 | ND                     |  |
|                                                                   | 1,2-Dichloroethylene (Total)   | 5'                                  | 84.01                  |  |
|                                                                   | 1,2-Dichloropropane            | 1                                   | ND                     |  |
|                                                                   | 1,3,5-Trimethylbenzene         | 5'                                  | ND                     |  |
|                                                                   | 1,3-Dichlorobenzene            | 3''                                 | ND                     |  |
|                                                                   | 1,3-Dichloropropane            | 5'                                  | --                     |  |
|                                                                   | 1,4-Dichlorobenzene            | 3''                                 | ND                     |  |
|                                                                   | 1-Chlorohexane                 | NS                                  | --                     |  |
|                                                                   | 2,2-Dichloropropane            | 5'                                  | --                     |  |
|                                                                   | 2-Chlorotoluene                | 5'                                  | --                     |  |
|                                                                   | 4-Chlorotoluene                | 5'                                  | --                     |  |
|                                                                   | Benzene                        | 1                                   | ND                     |  |
|                                                                   | Bromobenzene                   | 5'                                  | --                     |  |
|                                                                   | Bromochloromethane             | 5'                                  | ND                     |  |
|                                                                   | Bromodichloromethane           | NS/50                               | ND                     |  |
|                                                                   | Bromoform                      | NS/50                               | ND                     |  |
|                                                                   | Bromomethane                   | 5'                                  | ND                     |  |
|                                                                   | Carbon Tetrachloride           | 5                                   | ND                     |  |
|                                                                   | Chlorobenzene                  | 5'                                  | ND                     |  |
|                                                                   | Chloroethane                   | 5'                                  | ND                     |  |
|                                                                   | Chloroform                     | 7                                   | ND                     |  |
|                                                                   | Chloromethane                  | NS/5                                | ND                     |  |
|                                                                   | cis-1,3-Dichloropropylene      | 0.4''                               | ND                     |  |
|                                                                   | Dibromochloromethane           | NS/50                               | ND                     |  |
|                                                                   | Dibromomethane                 | 5'                                  | ND                     |  |
|                                                                   | Dichlorodifluoromethane        | 5'                                  | ND                     |  |
|                                                                   | Ethylbenzene                   | 5'                                  | 0.210                  |  |
|                                                                   | Hexachlorobutadiene            | 0.5                                 | ND                     |  |
|                                                                   | Isopropylbenzene               | 5'                                  | ND                     |  |
|                                                                   | Methyl tert-butyl ether (MTBE) | NS/10                               | ND                     |  |
|                                                                   | Methylene chloride             | 5'                                  | ND                     |  |
|                                                                   | Naphthalene                    | 10                                  | --                     |  |
|                                                                   | n-Butylbenzene                 | 5'                                  | ND                     |  |
|                                                                   | n-Propylbenzene                | 5'                                  | ND                     |  |
|                                                                   | o-Xylene                       | 5'                                  | 0.210                  |  |
|                                                                   | p-&m-Xylenes                   | 5'                                  | 0.780                  |  |
|                                                                   | p-Isopropyltoluene             | 5'                                  | ND                     |  |
|                                                                   | sec-Butylbenzene               | 5'                                  | ND                     |  |
|                                                                   | Styrene                        | 5'                                  | ND                     |  |
|                                                                   | tert-Butylbenzene              | 5'                                  | ND                     |  |
|                                                                   | Tetrachloroethylene            | 5'                                  | 0.200                  |  |
|                                                                   | Toluene                        | 5'                                  | 3.47                   |  |
|                                                                   | trans-1,3-Dichloropropylene    | 0.4''                               | ND                     |  |
|                                                                   | Trichloroethylene              | 5'                                  | 66.4                   |  |
|                                                                   | Trichlorofluoromethane         | 5'                                  | ND                     |  |
|                                                                   | Vinyl chloride                 | 2                                   | 0.290                  |  |
| <b>TOTAL CVOCs</b>                                                |                                |                                     | <b>153.97</b>          |  |

**Table 2:** Groundwater Monitoring Data

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)

Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample ID                                              |                                | IW-1                                |                        |  |
|--------------------------------------------------------|--------------------------------|-------------------------------------|------------------------|--|
| Sample Date                                            |                                | 4/4/2022                            |                        |  |
| Analyte                                                | Units                          | Part 703<br>Groundwater<br>Standard | Post-Remedy<br>Results |  |
| EPA Method<br>8260<br>Volatile<br>Organic<br>Compounds | 1,1,1,2-Tetrachloroethane      | 5'                                  | ND                     |  |
|                                                        | 1,1,1-Trichloroethane          | 5'                                  | ND                     |  |
|                                                        | 1,1,2,2-Tetrachloroethane      | 5'                                  | ND                     |  |
|                                                        | 1,1,2-Trichloroethane          | 1                                   | ND                     |  |
|                                                        | 1,1-Dichloroethane             | 5'                                  | ND                     |  |
|                                                        | 1,1-Dichloroethylene           | 5'                                  | ND                     |  |
|                                                        | 1,1-Dichloropropylene          | NS/5                                | --                     |  |
|                                                        | 1,2,3-Trichlorobenzene         | 5'                                  | ND                     |  |
|                                                        | 1,2,3-Trichloropropane         | 0.04                                | ND                     |  |
|                                                        | 1,2,3-Trimethylbenzene         | 5'                                  | --                     |  |
|                                                        | 1,2,4-Trichlorobenzene         | 5'                                  | ND                     |  |
|                                                        | 1,2,4-Trimethylbenzene         | 5'                                  | ND                     |  |
|                                                        | 1,2-Dibromo-3-chloropropane    | 0.04                                | ND                     |  |
|                                                        | 1,2-Dibromoethane              | NS/5                                | ND                     |  |
|                                                        | 1,2-Dichlorobenzene            | 3''                                 | ND                     |  |
|                                                        | 1,2-Dichloroethane             | 0.6                                 | ND                     |  |
|                                                        | 1,2-Dichloroethylene (Total)   | 5'                                  | 114                    |  |
|                                                        | 1,2-Dichloropropane            | 1                                   | ND                     |  |
|                                                        | 1,3,5-Trimethylbenzene         | 5'                                  | ND                     |  |
|                                                        | 1,3-Dichlorobenzene            | 3''                                 | ND                     |  |
|                                                        | 1,3-Dichloropropane            | 5'                                  | --                     |  |
|                                                        | 1,4-Dichlorobenzene            | 3''                                 | ND                     |  |
|                                                        | 1-Chlorohexane                 | NS                                  | --                     |  |
|                                                        | 2,2-Dichloropropane            | 5'                                  | --                     |  |
|                                                        | 2-Chlorotoluene                | 5'                                  | --                     |  |
|                                                        | 4-Chlorotoluene                | 5'                                  | --                     |  |
|                                                        | Benzene                        | 1                                   | ND                     |  |
|                                                        | Bromobenzene                   | 5'                                  | --                     |  |
|                                                        | Bromochloromethane             | 5'                                  | ND                     |  |
|                                                        | Bromodichloromethane           | NS/50                               | ND                     |  |
|                                                        | Bromoform                      | NS/50                               | ND                     |  |
|                                                        | Bromomethane                   | 5'                                  | ND                     |  |
|                                                        | Carbon Tetrachloride           | 5                                   | ND                     |  |
|                                                        | Chlorobenzene                  | 5'                                  | ND                     |  |
|                                                        | Chloroethane                   | 5'                                  | ND                     |  |
|                                                        | Chloroform                     | 7                                   | ND                     |  |
|                                                        | Chloromethane                  | NS/5                                | ND                     |  |
|                                                        | cis-1,3-Dichloropropylene      | 0.4''                               | ND                     |  |
|                                                        | Dibromochloromethane           | NS/50                               | ND                     |  |
|                                                        | Dibromomethane                 | 5'                                  | ND                     |  |
|                                                        | Dichlorodifluoromethane        | 5'                                  | ND                     |  |
|                                                        | Ethylbenzene                   | 5'                                  | ND                     |  |
|                                                        | Hexachlorobutadiene            | 0.5                                 | ND                     |  |
|                                                        | Isopropylbenzene               | 5'                                  | ND                     |  |
|                                                        | Methyl tert-butyl ether (MTBE) | NS/10                               | ND                     |  |
|                                                        | Methylene chloride             | 5'                                  | ND                     |  |
|                                                        | Naphthalene                    | 10                                  | --                     |  |
|                                                        | n-Butylbenzene                 | 5'                                  | ND                     |  |
|                                                        | n-Propylbenzene                | 5'                                  | ND                     |  |
|                                                        | o-Xylene                       | 5'                                  | ND                     |  |
|                                                        | p-&m-Xylenes                   | 5'                                  | ND                     |  |
|                                                        | p-Isopropyltoluene             | 5'                                  | ND                     |  |
|                                                        | sec-Butylbenzene               | 5'                                  | ND                     |  |
|                                                        | Styrene                        | 5'                                  | ND                     |  |
|                                                        | tert-Butylbenzene              | 5'                                  | ND                     |  |
|                                                        | Tetrachloroethylene            | 5'                                  | ND                     |  |
|                                                        | Toluene                        | 5'                                  | ND                     |  |
|                                                        | trans-1,3-Dichloropropylene    | 0.4''                               | ND                     |  |
|                                                        | Trichloroethylene              | 5'                                  | 19.0                   |  |
|                                                        | Trichlorofluoromethane         | 5'                                  | ND                     |  |
|                                                        | Vinyl chloride                 | 2                                   | 104                    |  |
| TOTAL CVOCs                                            |                                |                                     | 237                    |  |



**Table 2:** Groundwater Monitoring Data

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)

Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample ID                                              |                                | IW-2                                |                        |  |
|--------------------------------------------------------|--------------------------------|-------------------------------------|------------------------|--|
| Sample Date                                            |                                | 4/4/2022                            |                        |  |
| Analyte                                                | Units                          | Part 703<br>Groundwater<br>Standard | Post-Remedy<br>Results |  |
| EPA Method<br>8260<br>Volatile<br>Organic<br>Compounds | 1,1,1,2-Tetrachloroethane      | 5*                                  | ND                     |  |
|                                                        | 1,1,1-Trichloroethane          | 5*                                  | ND                     |  |
|                                                        | 1,1,2,2-Tetrachloroethane      | 5*                                  | ND                     |  |
|                                                        | 1,1,2-Trichloroethane          | 1                                   | ND                     |  |
|                                                        | 1,1-Dichloroethane             | 5*                                  | 41.0                   |  |
|                                                        | 1,1-Dichloroethylene           | 5*                                  | 70.0                   |  |
|                                                        | 1,1-Dichloropropylene          | NS/5                                | --                     |  |
|                                                        | 1,2,3-Trichlorobenzene         | 5*                                  | ND                     |  |
|                                                        | 1,2,3-Trichloropropane         | 0.04                                | ND                     |  |
|                                                        | 1,2,3-Trimethylbenzene         | 5*                                  | --                     |  |
|                                                        | 1,2,4-Trichlorobenzene         | 5*                                  | ND                     |  |
|                                                        | 1,2,4-Trimethylbenzene         | 5*                                  | ND                     |  |
|                                                        | 1,2-Dibromo-3-chloropropane    | 0.04                                | ND                     |  |
|                                                        | 1,2-Dibromoethane              | NS/5                                | ND                     |  |
|                                                        | 1,2-Dichlorobenzene            | 3**                                 | ND                     |  |
|                                                        | 1,2-Dichloroethane             | 0.6                                 | ND                     |  |
|                                                        | 1,2-Dichloroethylene (Total)   | 5*                                  | 22,860                 |  |
|                                                        | 1,2-Dichloropropane            | 1                                   | ND                     |  |
|                                                        | 1,3,5-Trimethylbenzene         | 5*                                  | ND                     |  |
|                                                        | 1,3-Dichlorobenzene            | 3**                                 | ND                     |  |
|                                                        | 1,3-Dichloropropane            | 5*                                  | --                     |  |
|                                                        | 1,4-Dichlorobenzene            | 3**                                 | ND                     |  |
|                                                        | 1-Chlorohexane                 | NS                                  | --                     |  |
|                                                        | 2,2-Dichloropropane            | 5*                                  | --                     |  |
|                                                        | 2-Chlorotoluene                | 5*                                  | --                     |  |
|                                                        | 4-Chlorotoluene                | 5*                                  | --                     |  |
|                                                        | Benzene                        | 1                                   | ND                     |  |
|                                                        | Bromobenzene                   | 5*                                  | --                     |  |
|                                                        | Bromochloromethane             | 5*                                  | ND                     |  |
|                                                        | Bromodichloromethane           | NS/50                               | ND                     |  |
|                                                        | Bromoform                      | NS/50                               | ND                     |  |
|                                                        | Bromomethane                   | 5*                                  | ND                     |  |
|                                                        | Carbon Tetrachloride           | 5                                   | ND                     |  |
|                                                        | Chlorobenzene                  | 5*                                  | ND                     |  |
|                                                        | Chloroethane                   | 5*                                  | ND                     |  |
|                                                        | Chloroform                     | 7                                   | ND                     |  |
|                                                        | Chloromethane                  | NS/5                                | ND                     |  |
|                                                        | cis-1,3-Dichloropropylene      | 0.4**                               | ND                     |  |
|                                                        | Dibromochloromethane           | NS/50                               | ND                     |  |
|                                                        | Dibromomethane                 | 5*                                  | ND                     |  |
|                                                        | Dichlorodifluoromethane        | 5*                                  | ND                     |  |
|                                                        | Ethylbenzene                   | 5*                                  | ND                     |  |
|                                                        | Hexachlorobutadiene            | 0.5                                 | ND                     |  |
|                                                        | Isopropylbenzene               | 5*                                  | ND                     |  |
|                                                        | Methyl tert-butyl ether (MTBE) | NS/10                               | ND                     |  |
|                                                        | Methylcyclohexane              | NS                                  | 223                    |  |
|                                                        | Methylene chloride             | 5*                                  | ND                     |  |
|                                                        | Naphthalene                    | 10                                  | --                     |  |
|                                                        | n-Butylbenzene                 | 5*                                  | ND                     |  |
|                                                        | n-Propylbenzene                | 5*                                  | ND                     |  |
|                                                        | o-Xylene                       | 5*                                  | ND                     |  |
|                                                        | p-&m-Xylenes                   | 5*                                  | ND                     |  |
|                                                        | p-Isopropyltoluene             | 5*                                  | ND                     |  |
|                                                        | sec-Butylbenzene               | 5*                                  | ND                     |  |
|                                                        | Styrene                        | 5*                                  | ND                     |  |
|                                                        | tert-Butylbenzene              | 5*                                  | ND                     |  |
|                                                        | Tetrachloroethylene            | 5*                                  | ND                     |  |
|                                                        | Toluene                        | 5*                                  | ND                     |  |
|                                                        | trans-1,3-Dichloropropylene    | 0.4**                               | ND                     |  |
|                                                        | Trichloroethylene              | 5*                                  | 23,700                 |  |
|                                                        | Trichlorofluoromethane         | 5*                                  | ND                     |  |
|                                                        | Vinyl chloride                 | 2                                   | 1840                   |  |
| TOTAL CVOCs                                            |                                |                                     | 48,511                 |  |

**Table 2:** Groundwater Monitoring Data

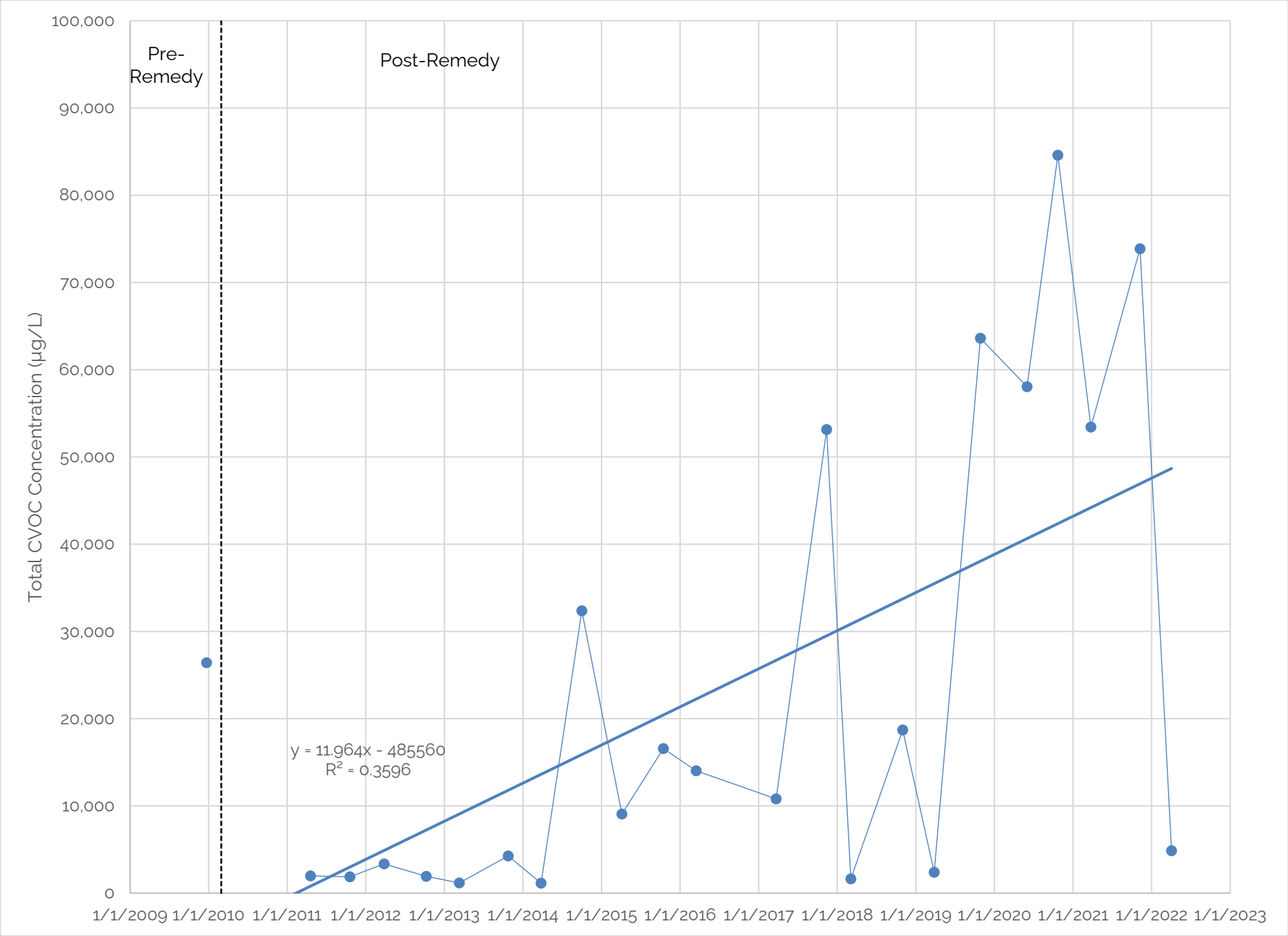
BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics Site (Current CVS Building)

Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample ID                                                         |                                | IW-3                                |                        |  |
|-------------------------------------------------------------------|--------------------------------|-------------------------------------|------------------------|--|
| Sample Date                                                       |                                | 4/4/2022                            |                        |  |
| Analyte                                                           | Units                          | Part 703<br>Groundwater<br>Standard | Post-Remedy<br>Results |  |
| <b>EPA Method<br/>8260<br/>Volatile<br/>Organic<br/>Compounds</b> | 1,1,1,2-Tetrachloroethane      | 5'                                  | ND                     |  |
|                                                                   | 1,1,1-Trichloroethane          | 5'                                  | ND                     |  |
|                                                                   | 1,1,2,2-Tetrachloroethane      | 5'                                  | ND                     |  |
|                                                                   | 1,1,2-Trichloroethane          | 1                                   | ND                     |  |
|                                                                   | 1,1-Dichloroethane             | 5'                                  | ND                     |  |
|                                                                   | 1,1-Dichloroethylene           | 5'                                  | ND                     |  |
|                                                                   | 1,1-Dichloropropylene          | NS/5                                | --                     |  |
|                                                                   | 1,2,3-Trichlorobenzene         | 5'                                  | ND                     |  |
|                                                                   | 1,2,3-Trichloropropane         | 0.04                                | ND                     |  |
|                                                                   | 1,2,3-Trimethylbenzene         | 5'                                  | --                     |  |
|                                                                   | 1,2,4-Trichlorobenzene         | 5'                                  | ND                     |  |
|                                                                   | 1,2,4-Trimethylbenzene         | 5'                                  | ND                     |  |
|                                                                   | 1,2-Dibromo-3-chloropropane    | 0.04                                | ND                     |  |
|                                                                   | 1,2-Dibromoethane              | NS/5                                | ND                     |  |
|                                                                   | 1,2-Dichlorobenzene            | 3''                                 | ND                     |  |
|                                                                   | 1,2-Dichloroethane             | 0.6                                 | ND                     |  |
|                                                                   | 1,2-Dichloroethylene (Total)   | 5'                                  | 3.524.5                |  |
|                                                                   | 1,2-Dichloropropane            | 1                                   | ND                     |  |
|                                                                   | 1,3,5-Trimethylbenzene         | 5'                                  | ND                     |  |
|                                                                   | 1,3-Dichlorobenzene            | 3''                                 | ND                     |  |
|                                                                   | 1,3-Dichloropropane            | 5'                                  | --                     |  |
|                                                                   | 1,4-Dichlorobenzene            | 3''                                 | ND                     |  |
|                                                                   | 1-Chlorohexane                 | NS                                  | --                     |  |
|                                                                   | 2,2-Dichloropropane            | 5'                                  | --                     |  |
|                                                                   | 2-Chlorotoluene                | 5'                                  | --                     |  |
|                                                                   | 4-Chlorotoluene                | 5'                                  | --                     |  |
|                                                                   | Benzene                        | 1                                   | ND                     |  |
|                                                                   | Bromobenzene                   | 5'                                  | --                     |  |
|                                                                   | Bromochloromethane             | 5'                                  | ND                     |  |
|                                                                   | Bromodichloromethane           | NS/50                               | ND                     |  |
|                                                                   | Bromoform                      | NS/50                               | ND                     |  |
|                                                                   | Bromomethane                   | 5'                                  | ND                     |  |
|                                                                   | Carbon Tetrachloride           | 5                                   | ND                     |  |
|                                                                   | Chlorobenzene                  | 5'                                  | ND                     |  |
|                                                                   | Chloroethane                   | 5'                                  | ND                     |  |
|                                                                   | Chloroform                     | 7                                   | ND                     |  |
|                                                                   | Chloromethane                  | NS/5                                | ND                     |  |
|                                                                   | cis-1,3-Dichloropropylene      | 0.4''                               | ND                     |  |
|                                                                   | Dibromochloromethane           | NS/50                               | ND                     |  |
|                                                                   | Dibromomethane                 | 5'                                  | ND                     |  |
|                                                                   | Dichlorodifluoromethane        | 5'                                  | ND                     |  |
|                                                                   | Ethylbenzene                   | 5'                                  | ND                     |  |
|                                                                   | Hexachlorobutadiene            | 0.5                                 | ND                     |  |
|                                                                   | Isopropylbenzene               | 5'                                  | ND                     |  |
|                                                                   | Methyl tert-butyl ether (MTBE) | NS/10                               | ND                     |  |
|                                                                   | Methylene chloride             | 5'                                  | ND                     |  |
|                                                                   | Naphthalene                    | 10                                  | --                     |  |
|                                                                   | n-Butylbenzene                 | 5'                                  | ND                     |  |
|                                                                   | n-Propylbenzene                | 5'                                  | ND                     |  |
|                                                                   | o-Xylene                       | 5'                                  | ND                     |  |
|                                                                   | p-&m-Xylenes                   | 5'                                  | ND                     |  |
|                                                                   | p-Isopropyltoluene             | 5'                                  | ND                     |  |
|                                                                   | sec-Butylbenzene               | 5'                                  | ND                     |  |
|                                                                   | Styrene                        | 5'                                  | ND                     |  |
|                                                                   | tert-Butylbenzene              | 5'                                  | ND                     |  |
|                                                                   | Tetrachloroethylene            | 5'                                  | ND                     |  |
|                                                                   | Toluene                        | 5'                                  | ND                     |  |
|                                                                   | trans-1,3-Dichloropropylene    | 0.4''                               | ND                     |  |
|                                                                   | Trichloroethylene              | 5'                                  | 3.310                  |  |
|                                                                   | Trichlorofluoromethane         | 5'                                  | ND                     |  |
|                                                                   | Vinyl chloride                 | 2                                   | 223                    |  |
| <b>TOTAL CVOCs</b>                                                |                                |                                     | <b>7.057.5</b>         |  |

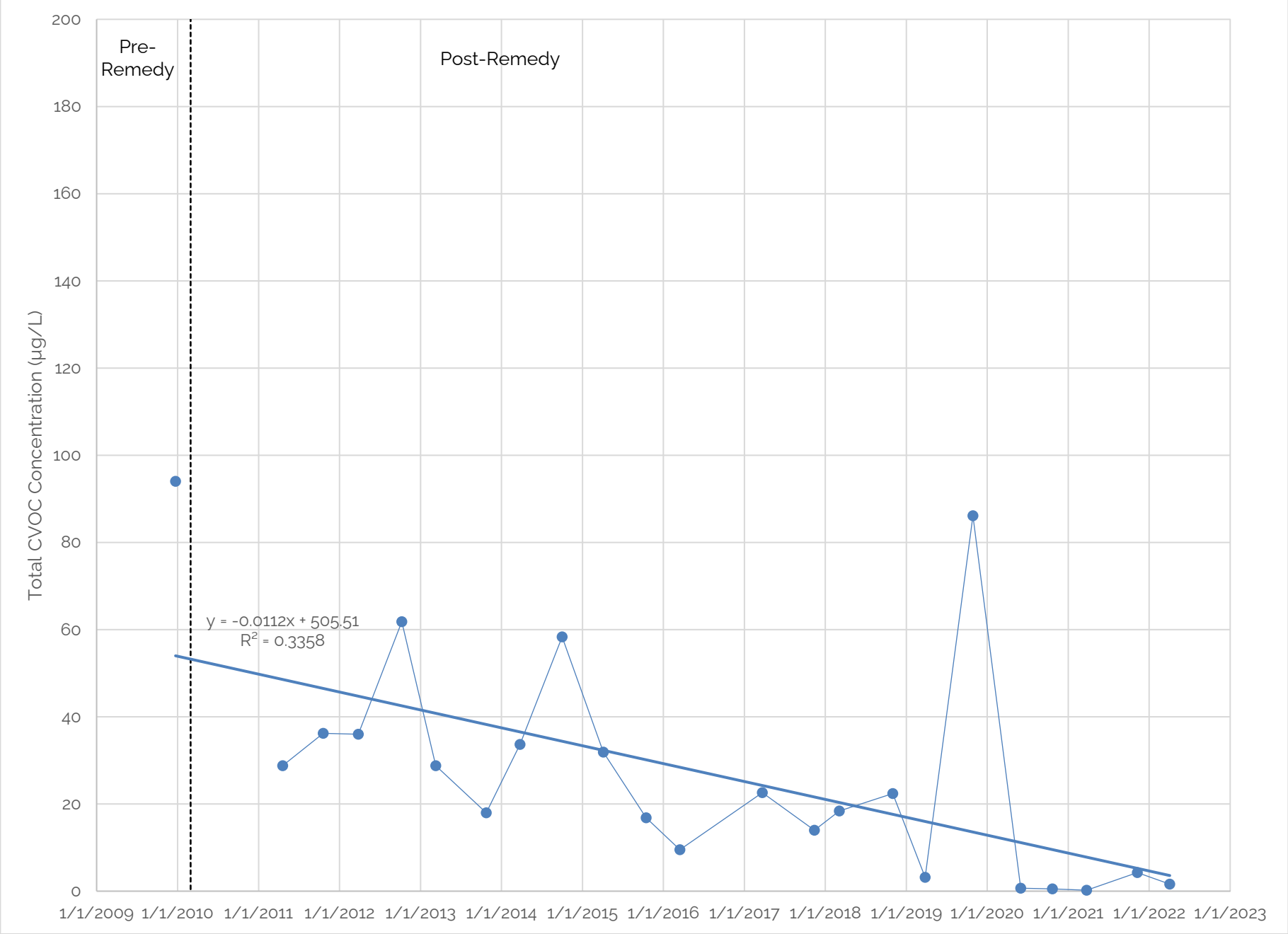
**Graph 1:** Linear Regression of Total CVOCs in Monitoring Well MW-1

Former Utility Platers/Kinaston Diaagnostics Site, 167 Schwenck Drive, City of Kingston, Ulster County, New York



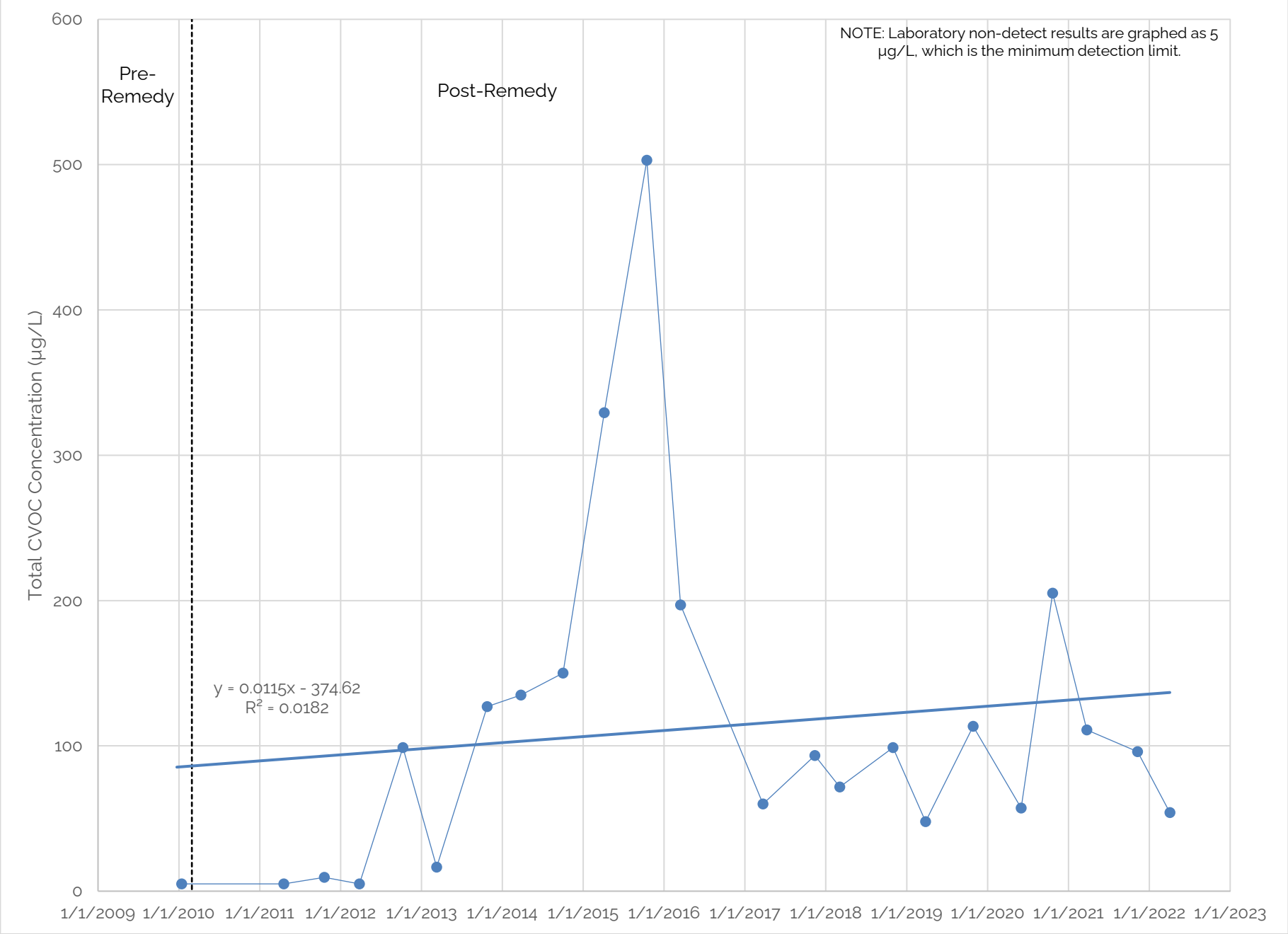
**Graph 2:** Linear Regression of Total CVOCs in Monitoring Well MW-2

Former Utility Platers/Kinaston Diaagnostics Site, 167 Schwenck Drive, City of Kinaston, Ulster County, New York



**Graph 3:** Linear Regression of Total CVOCs in Monitoring Well MW-5

Former Utility Platers/Kinaston Diaagnostics Site. 167 Schwenck Drive. City of Kinaston, Ulster County, New York



**Graph 4:** Linear Regression of Total CVOCs in Monitoring Well MW-7

Former Utility Platers/Kinaston Diaagnostics Site, 167 Schwenck Drive, City of Kinaston, Ulster Countv, New York

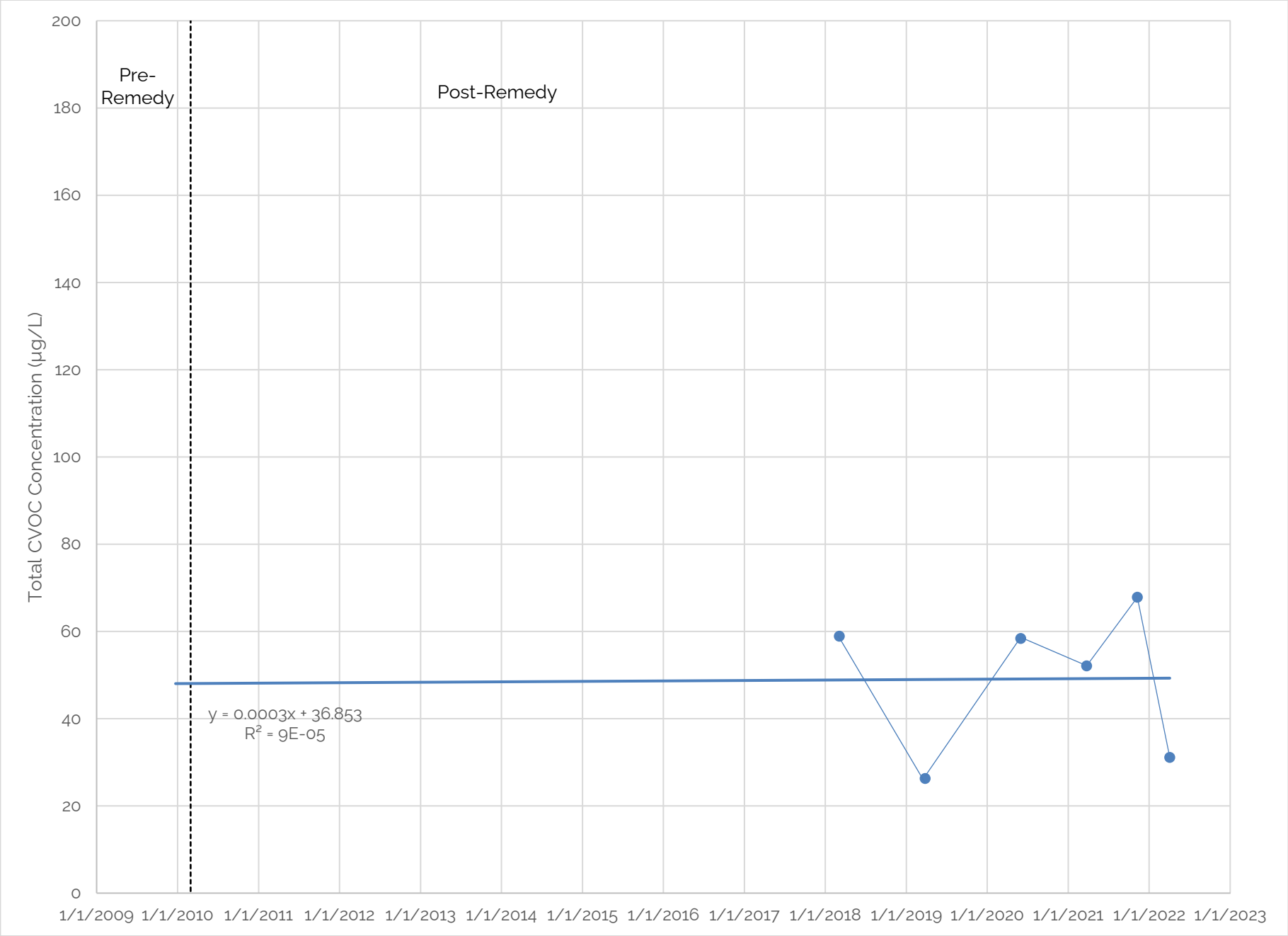


**Table 3:** Indoor Air Quality Sampling Results

BCP Site C356035 - Former Utility Platers/ Kingston Diagnostics (Current CVS Building)

Washington Avenue and Schwenk Drive, City of Kingston, Ulster County, New York

| Sample Date                     |                          | April 20, 2011 | March 27, 2012 | March 11, 2013 | March 26, 2014 | April 6, 2015 | March 23, 2017 | April 4, 2022 |
|---------------------------------|--------------------------|----------------|----------------|----------------|----------------|---------------|----------------|---------------|
| NYSDOH Matrix Indoor Air Matrix | Analyte                  | NR-IAQ-001     | KC-IAQ-001     | KC-IAQ-001     | KC-IAQ-001     | KC-IAQ-001    | KC-IAQ-001     | KC-IAQ-001    |
|                                 |                          | ug/m3          | ug/m3          | ug/m3          | ug/m3          | ug/m3         | ug/m3          | ug/m3         |
| Matrix A                        | Carbon tetrachloride     | 0.64           | ND             | 0.81           | 0.46           | 0.30          | 0.28           | 0.45          |
|                                 | Trichloroethylene        | 0.55           | ND             | 0.083 J        | 0.098          | ND            | ND             | ND            |
|                                 | 1,1-Dichloroethylene     | 0.13           | ND             | ND             | ND             | ND            | ND             | ND            |
|                                 | cis-1,2-Dichloroethylene | 4.4            | ND             | ND             | ND             | ND            | ND             | ND            |
| Matrix B                        | 1,1,1-Trichloroethane    | ND             | ND             | ND             | ND             | ND            | ND             | ND            |
|                                 | Tetrachloroethylene      | 0.60           | ND             | 0.20           | 0.13           | ND            | ND             | ND            |
|                                 | Methylene Chloride       | 10             | 2.8            | 1.4            | ND             | 20            | ND             | 1.1           |
| Matrix C                        | Vinyl Chloride           | ND             | ND             | ND             | ND             | ND            | ND             | ND            |
| SSDS Effluent                   | Total VOCs (ppm)         | 0.0            | 0.0            | 0.0            | 0.0            | 0.0           | 0.0            | 0.0           |
| SSDS Pressure                   | inches in Water Column   | 0.5            | 0.23           | 0.4            | 0.22           | 0.33          | 0.19           | 0.20          |

**Notes:**

- NYSDOH Matrix A Least Restrictive Action Level: 0.2 ug/m<sup>3</sup> for Indoor Air; Most Restrictive Action Level: 1 ug/m<sup>3</sup> and above for Indoor Air
- NYSDOH Matrix B Least Restrictive Action Level: less than 3 ug/m<sup>3</sup> Most Restrictive Action Level: 10 ug/m<sup>3</sup> and above for Indoor Air
- NYSDOH Matrix C Action Level: 0.2 ug/m<sup>3</sup> for Indoor Air
- ug/m<sup>3</sup>=Micrograms per cubic meter
- D = Diluted/Reported from a dilution run
- B = Compound detected in laboratory method blank
- E = Estimated Concentration/Exceeded Calibration Limit
- J = Estimated Concentration/Exceeded the Method Detection Limit but was below the Method Reporting Limit
- ND = compound was not detected above laboratory method detection limit





# APPENDIX A

**Field Data Sheets, Site Inspection Forms, SSDS Inspection Forms  
and Photo Log**

# GROUNDWATER SAMPLING FIELD DATA SHEET

[illegible]

# GROUNDWATER SAMPLING FIELD DATA SHEET

## SAMPLE INFORMATION:

|                                      |                                     |                                            |
|--------------------------------------|-------------------------------------|--------------------------------------------|
| Sample ID: <u>KC-MW-02 1121</u>      | Sample Time: <u>11:38</u>           | Sample Matrix (circle): <u>Groundwater</u> |
| Well ID: <u>MW-02</u>                | Sample Date: <u>11/9/2021</u>       | Soil <input type="checkbox"/>              |
| Project Name: <u>KINGSTON CVS</u>    | Sample Tech(s): <u>E. ORLOWSKI</u>  | Air <input type="checkbox"/>               |
| Sample Location: <u>KINGSTON, NY</u> | Project and Task #: <u>41103.20</u> | Drinking Water <input type="checkbox"/>    |
|                                      | Project Manager: <u>E. ORLOWSKI</u> | Other: <input type="checkbox"/>            |

## WELL INFORMATION:

Well Condition: Good.

Lock Type: NONE - FLUSH MOUNT Key #: NA

## PURGE DATA:

| Measuring Point: <u>TOC-PVC</u><br>Depth to Bottom: <u>24.50</u><br>Depth to Water: <u>14.82</u><br>Water Column Height: (A) <u>9.68</u><br>(depth to bottom - depth to water)<br># of Volumes to be Purged: (C) <u>N/A</u><br>Gal. to be Purged: (AxBxC) <u>N/A</u> | <b>(B)</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Pipe Width</th> <th>Gal/Foot</th> </tr> </thead> <tbody> <tr><td>1.0"</td><td>0.041</td></tr> <tr><td>1.5"</td><td>0.092</td></tr> <tr><td><b>2.0"</b></td><td><b>0.163</b></td></tr> <tr><td>2.5"</td><td>0.255</td></tr> <tr><td>3.0"</td><td>0.367</td></tr> <tr><td>4.0"</td><td>0.653</td></tr> <tr><td>6.0"</td><td>1.469</td></tr> <tr><td>8.0"</td><td>2.611</td></tr> </tbody> </table> | Pipe Width | Gal/Foot | 1.0" | 0.041 | 1.5" | 0.092 | <b>2.0"</b> | <b>0.163</b> | 2.5" | 0.255 | 3.0" | 0.367 | 4.0" | 0.653 | 6.0" | 1.469 | 8.0" | 2.611 | Purge Method: <u>PERISTALTIC - LOW FLOW</u><br>Start Date: <u>11/9/2021</u><br>Start Time: <u>11:12:00 AM</u><br>Stop Time: <u>11:37:00 AM</u><br>Purge Rate (gpm): <u>0.04</u><br>Elapsed Time (min): <u>25</u><br>Well Vol. Purged (#): <u>0.6</u><br>Purge Vol. (gal): <u>0.95</u><br>Well went dry? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Conditions: <input checked="" type="checkbox"/> No Odor <input type="checkbox"/> Odor<br><input checked="" type="checkbox"/> Clear <input type="checkbox"/> Slightly-Turbid <input type="checkbox"/> Turbid |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|------|-------|------|-------|-------------|--------------|------|-------|------|-------|------|-------|------|-------|------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pipe Width                                                                                                                                                                                                                                                           | Gal/Foot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1.0"                                                                                                                                                                                                                                                                 | 0.041                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1.5"                                                                                                                                                                                                                                                                 | 0.092                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>2.0"</b>                                                                                                                                                                                                                                                          | <b>0.163</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2.5"                                                                                                                                                                                                                                                                 | 0.255                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 3.0"                                                                                                                                                                                                                                                                 | 0.367                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 4.0"                                                                                                                                                                                                                                                                 | 0.653                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 6.0"                                                                                                                                                                                                                                                                 | 1.469                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 8.0"                                                                                                                                                                                                                                                                 | 2.611                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## FIELD RESULTS:

| Gal purged | Date & Time | Depth to Water | Temp  | SpCond             | Cond. | Turbidity | TDS    | Odor | DO   | pH   | ORP   |  |
|------------|-------------|----------------|-------|--------------------|-------|-----------|--------|------|------|------|-------|--|
| gal        |             | ft             | deg C | uS/cm <sup>2</sup> | uS/cm | NTU       | g/L    |      | mg/L |      | mV    |  |
| 0.0        | 11:12       | 14.82          | 15.9  | 1366               | 1126  | clear     | 0.8840 | none | 2.39 | 6.74 | -34.4 |  |
| 0.19       | 11:17       | 15.69          | 16.4  | 1037               | 866   | clear     | 0.6760 | none | 0.58 | 6.51 | -23.7 |  |
| 0.38       | 11:22       | 16.39          | 16.6  | 1000               | 839   | clear     | 0.6500 | none | 0.38 | 6.46 | -15.4 |  |
| 0.57       | 11:27       | 16.91          | 16.7  | 989                | 833   | clear     | 0.6435 | none | 0.32 | 6.44 | -8.9  |  |
| 0.76       | 11:32       | 17.50          | 16.7  | 985                | 830   | clear     | 0.6435 | none | 0.30 | 6.39 | -1.7  |  |
| 0.95       | 11:37       | 18.18          | 16.8  | 1000               | 843   | clear     | 0.6500 | none | 0.30 | 6.37 | -4.7  |  |
|            |             |                |       |                    |       |           |        |      |      |      |       |  |
|            |             |                |       |                    |       |           |        |      |      |      |       |  |
|            |             |                |       |                    |       |           |        |      |      |      |       |  |
|            |             |                |       |                    |       |           |        |      |      |      |       |  |

## SAMPLE INFORMATION:

Sample Method: PERISTALTIC (Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)

Sample Type: Grab Composite Sample Depth: \_\_\_\_\_

Weather: MOSTLY SUNNY Barometric Pres.: \_\_\_\_\_ Wind: BREEZY

Air Temp.(°F): 60s

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## LAB REQUESTS:

|                              |                                          |                                   |
|------------------------------|------------------------------------------|-----------------------------------|
| Laboratory Name: <u>YORK</u> | Analysis/Method: <u>TCL VOCs BY 8260</u> | Turn Around Time: <u>STANDARD</u> |
|                              | <u>PRIORITY POLL. METALS</u>             |                                   |
|                              |                                          |                                   |

QA/QC: Duplicate ☐ Equip. Blank ☐ Field Blank ☐ Trip Blank ☒

# GROUNDWATER SAMPLING FIELD DATA SHEET

## SAMPLE INFORMATION:

|                                      |                                     |                                            |
|--------------------------------------|-------------------------------------|--------------------------------------------|
| Sample ID: <u>KC-MW-05 1121</u>      | Sample Time: <u>10:53</u>           | Sample Matrix (circle): <u>Groundwater</u> |
| Well ID: <u>MW-05</u>                | Sample Date: <u>11/9/2021</u>       | Soil <input type="checkbox"/>              |
| Project Name: <u>KINGSTON CVS</u>    | Sample Tech(s): <u>E. ORLOWSKI</u>  | Air <input type="checkbox"/>               |
| Sample Location: <u>KINGSTON, NY</u> | Project and Task #: <u>41103.20</u> | Drinking Water <input type="checkbox"/>    |
|                                      | Project Manager: <u>E. ORLOWSKI</u> | Other: <input type="checkbox"/>            |

## WELL INFORMATION:

Well Condition: Good.

Lock Type: NONE - FLUSH MOUNT Key #: NA

## PURGE DATA:

| Measuring Point: <u>TOC-PVC</u><br>Depth to Bottom: <u>24.30</u><br>Depth to Water: <u>7.75</u><br>Water Column Height: <b>(A)</b> <u>16.55</u><br><i>(depth to bottom - depth to water)</i><br># of Volumes to be Purged: <b>(C)</b> <u>N/A</u><br>Gal. to be Purged: <b>(AxBxC)</b> <u>N/A</u> | <b>(B)</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Pipe Width</th> <th>Gal/Foot</th> </tr> </thead> <tbody> <tr><td>1.0"</td><td>0.041</td></tr> <tr><td>1.5"</td><td>0.092</td></tr> <tr><td><b>2.0"</b></td><td><b>0.163</b></td></tr> <tr><td>2.5"</td><td>0.255</td></tr> <tr><td>3.0"</td><td>0.367</td></tr> <tr><td>4.0"</td><td>0.653</td></tr> <tr><td>6.0"</td><td>1.469</td></tr> <tr><td>8.0"</td><td>2.611</td></tr> </tbody> </table> | Pipe Width | Gal/Foot | 1.0" | 0.041 | 1.5" | 0.092 | <b>2.0"</b> | <b>0.163</b> | 2.5" | 0.255 | 3.0" | 0.367 | 4.0" | 0.653 | 6.0" | 1.469 | 8.0" | 2.611 | Purge Method: <u>PERISTALTIC - LOW FLOW</u><br>Start Date: <u>11/9/2021</u><br>Start Time: <u>10:32:00 AM</u><br>Stop Time: <u>10:52:00 AM</u><br>Purge Rate (gpm): <u>0.035</u><br>Elapsed Time (min): <u>20</u><br>Well Vol. Purged (#): <u>0.3</u><br>Purge Vol. (gal): <u>0.7</u><br>Well went dry? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Conditions: <input checked="" type="checkbox"/> No Odor <input type="checkbox"/> Odor<br><input checked="" type="checkbox"/> Clear <input type="checkbox"/> Slightly-Turbid <input type="checkbox"/> Turbid |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|------|-------|------|-------|-------------|--------------|------|-------|------|-------|------|-------|------|-------|------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pipe Width                                                                                                                                                                                                                                                                                       | Gal/Foot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1.0"                                                                                                                                                                                                                                                                                             | 0.041                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1.5"                                                                                                                                                                                                                                                                                             | 0.092                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>2.0"</b>                                                                                                                                                                                                                                                                                      | <b>0.163</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2.5"                                                                                                                                                                                                                                                                                             | 0.255                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 3.0"                                                                                                                                                                                                                                                                                             | 0.367                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 4.0"                                                                                                                                                                                                                                                                                             | 0.653                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 6.0"                                                                                                                                                                                                                                                                                             | 1.469                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 8.0"                                                                                                                                                                                                                                                                                             | 2.611                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## FIELD RESULTS:

| Gal purged | Date & Time | Depth to Water | Temp  | SpCond             | Cond. | Turbidity | TDS    | Odor | DO   | pH   | ORP  |  |
|------------|-------------|----------------|-------|--------------------|-------|-----------|--------|------|------|------|------|--|
| gal        |             | ft             | deg C | uS/cm <sup>2</sup> | uS/cm | NTU       | g/L    |      | mg/L |      | mV   |  |
| 0.0        | 10:32       | 7.75           | 16.0  | 3232               | 2683  | clear     | 2.0735 | none | 3.83 | 6.65 | 58.4 |  |
| 0.17       | 10:37       | 8.34           | 16.7  | 2868               | 2413  | clear     | 1.8590 | none | 2.13 | 6.81 | 49.1 |  |
| 0.35       | 10:42       | 8.61           | 17.0  | 2848               | 2413  | clear     | 1.8525 | none | 1.52 | 6.81 | 50.4 |  |
| 0.52       | 10:47       | 8.94           | 17.0  | 2848               | 2411  | clear     | 1.8525 | none | 1.28 | 6.80 | 51.4 |  |
| 0.70       | 10:52       | 9.17           | 17.0  | 2846               | 2412  | clear     | 1.8525 | none | 1.20 | 6.81 | 51.6 |  |
|            |             |                |       |                    |       |           |        |      |      |      |      |  |
|            |             |                |       |                    |       |           |        |      |      |      |      |  |
|            |             |                |       |                    |       |           |        |      |      |      |      |  |
|            |             |                |       |                    |       |           |        |      |      |      |      |  |
|            |             |                |       |                    |       |           |        |      |      |      |      |  |
|            |             |                |       |                    |       |           |        |      |      |      |      |  |

## SAMPLE INFORMATION:

Sample Method: PERISTALTIC *(Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)*

Sample Type: Grab Composite Sample Depth: \_\_\_\_\_

Weather: SUNNY / CLEAR Barometric Pres.: \_\_\_\_\_ Wind: LIGHT BREEZE

Air Temp.(°F): 60s

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## LAB REQUESTS:

|                              |                                          |                                   |
|------------------------------|------------------------------------------|-----------------------------------|
| Laboratory Name: <u>YORK</u> | Analysis/Method: <u>TCL VOCs BY 8260</u> | Turn Around Time: <u>STANDARD</u> |
|                              | <u>PRIORITY POLL. METALS</u>             |                                   |
|                              |                                          |                                   |

QA/QC: Duplicate ☐ Equip. Blank ☐ Field Blank ☐ Trip Blank ☒

# GROUNDWATER SAMPLING FIELD DATA SHEET

[illegible]

# GROUNDWATER SAMPLING FIELD DATA SHEET

| <b>SAMPLE INFORMATION:</b>                                                                                               |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
|--------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------|--------------|----------------------------------------|-------|-----------|--------|----------------------------|------|------|------|--|
| Sample ID: KC-MW-01 0422                                                                                                 |             | Sample Time: 20:07             |              | Sample Matrix (circle):                |       |           |        |                            |      |      |      |  |
| Well ID: MW-01                                                                                                           |             | Sample Date: 4/4/2022          |              | <b>Groundwater</b>                     |       |           |        | Soil                       |      |      |      |  |
| Project Name: KINGSTON CVS                                                                                               |             | Sample Tech(s): E. ORLOWSKI    |              | Surface Water                          |       |           |        | Air                        |      |      |      |  |
| Sample Location: KINGSTON, NY                                                                                            |             | Project and Task #: CZ41103.20 |              | Drinking Water                         |       |           |        | Other:                     |      |      |      |  |
|                                                                                                                          |             | Project Manager: E. ORLOWSKI   |              |                                        |       |           |        |                            |      |      |      |  |
| <b>WELL INFORMATION:</b>                                                                                                 |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
| Well Condition: Good                                                                                                     |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
| Lock Type: NONE - FLUSH MOUNT      Key #: NA                                                                             |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
| <b>PURGE DATA:</b>                                                                                                       |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
| Measuring Point: TOC-PVC                                                                                                 |             | (B)                            |              | Purge Method: PERISTALTIC - LOW FLOW   |       |           |        |                            |      |      |      |  |
| Depth to Bottom: 26.20                                                                                                   |             | Pipe Width                     | Gal/Foot     | Start Date: 4/4/2022                   |       |           |        |                            |      |      |      |  |
| Depth to Water: 14.78                                                                                                    |             | 1.0"                           | 0.041        | Start Time: 7:31:00 PM                 |       |           |        |                            |      |      |      |  |
| Water Column Height: (A) 11.42                                                                                           |             | 1.5"                           | 0.092        | Stop Time: 8:06:00 PM                  |       |           |        |                            |      |      |      |  |
| (depth to bottom - depth to water)                                                                                       |             | <b>2.0"</b>                    | <b>0.163</b> | Purge Rate (gpm): 0.07                 |       |           |        |                            |      |      |      |  |
| # of Volumes to be Purged: (C)                                                                                           |             | 2.5"                           | 0.255        | Elapsed Time (min): 35                 |       |           |        |                            |      |      |      |  |
| N/A                                                                                                                      |             | 3.0"                           | 0.367        | Well Vol. Purged (#): 1.3              |       |           |        |                            |      |      |      |  |
|                                                                                                                          |             | 4.0"                           | 0.653        | Purge Vol. (gal): 2.5                  |       |           |        |                            |      |      |      |  |
| Gal. to be Purged: (Ax BxC)                                                                                              |             | 6.0"                           | 1.469        | Well went dry? No      Yes             |       |           |        |                            |      |      |      |  |
| N/A                                                                                                                      |             | 8.0"                           | 2.611        | Conditions: No Odor      Odor          |       |           |        |                            |      |      |      |  |
|                                                                                                                          |             |                                |              | Clear      Slightly-Turbid      Turbid |       |           |        |                            |      |      |      |  |
| <b>FIELD RESULTS:</b>                                                                                                    |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
| Gal purged                                                                                                               | Date & Time | Depth to Water                 | Temp         | SpCond                                 | Cond. | Turbidity | TDS    | Odor                       | DO   | pH   | ORP  |  |
| gal.                                                                                                                     |             | ft                             | deg C        | uS/cm <sup>c</sup>                     | uS/cm | NTU       | g/L    |                            | mg/L |      | mV   |  |
| 0.0                                                                                                                      | 19:31       | 14.78                          | 12.3         | 3077                                   | 2334  | 199.1     | 2.0020 | slight sewer               | 8.16 | 6.68 | 28.2 |  |
| 0.36                                                                                                                     | 19:36       | 15.04                          | 12.4         | 3086                                   | 2341  | 275.6     | 2.0085 | slight sewer               | 3.81 | 6.69 | 15.9 |  |
| 0.72                                                                                                                     | 19:41       | 15.07                          | 12.2         | 3083                                   | 2331  | 106.7     | 2.0020 | slight sewer               | 2.24 | 6.71 | 9.7  |  |
| 1.07                                                                                                                     | 19:46       | 15.07                          | 12.0         | 3082                                   | 2320  | 103.9     | 2.0020 | slight sewer               | 1.70 | 6.68 | 6.8  |  |
| 1.53                                                                                                                     | 19:51       | 15.09                          | 12.0         | 3069                                   | 2308  | 99.01     | 2.0020 | slight sewer               | 1.30 | 6.67 | 4.9  |  |
| 1.89                                                                                                                     | 19:56       | 15.09                          | 12.1         | 3074                                   | 2314  | 94.06     | 1.9955 | slight sewer               | 0.92 | 6.68 | 3.2  |  |
| 2.24                                                                                                                     | 20:01       | 15.10                          | 12.1         | 3070                                   | 2313  | 87.36     | 1.9955 | slight sewer               | 0.84 | 6.67 | 2.0  |  |
| 2.50                                                                                                                     | 20:06       | 15.11                          | 11.7         | 3069                                   | 2310  | 83.60     | 1.9955 | slight sewer               | 0.78 | 6.72 | 1.4  |  |
| <b>SAMPLE INFORMATION:</b>                                                                                               |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
| Sample Method: PERISTALTIC (Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.) |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
| Sample Type: <b>Grab</b> Composite                                                                                       |             | Sample Depth:                  |              |                                        |       |           |        |                            |      |      |      |  |
| Weather: Partly clear                                                                                                    |             | Barometric Pres.:              |              | Wind: Breezy                           |       |           |        |                            |      |      |      |  |
|                                                                                                                          |             | Air Temp.(°F): 50ish           |              |                                        |       |           |        |                            |      |      |      |  |
| Notes:                                                                                                                   |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
| FIELD DUPLICATE COLLECTED HERE (KC-MW-DUP 0422)                                                                          |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
|                                                                                                                          |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
|                                                                                                                          |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
|                                                                                                                          |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
| <b>LAB REQUESTS:</b>                                                                                                     |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
| Laboratory Name: YORK                                                                                                    |             |                                |              | Analysis/Method: TCL VOCs BY 8260      |       |           |        | Turn Around Time: STANDARD |      |      |      |  |
|                                                                                                                          |             |                                |              | PRIORITY POLL. METALS                  |       |           |        |                            |      |      |      |  |
|                                                                                                                          |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
|                                                                                                                          |             |                                |              |                                        |       |           |        |                            |      |      |      |  |
| <b>QA/QC:</b> Duplicate      Equip. Blank      Field Blank      Trip Blank                                               |             |                                |              |                                        |       |           |        |                            |      |      |      |  |

# GROUNDWATER SAMPLING FIELD DATA SHEET

| <b>SAMPLE INFORMATION:</b>                                                                                               |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
|--------------------------------------------------------------------------------------------------------------------------|-------------|------------------------|--------------------------------|-----------------------------------|-------|--------------------------------------|-----------------|----------------------------|--------|------|------|--|
| Sample ID: KC-MW-02 0422                                                                                                 |             |                        | Sample Time: 12:02             |                                   |       | Sample Matrix (circle):              |                 |                            |        |      |      |  |
| Well ID: MW-02                                                                                                           |             |                        | Sample Date: 4/4/2022          |                                   |       | Groundwater                          |                 |                            | Soil   |      |      |  |
| Project Name: KINGSTON CVS                                                                                               |             |                        | Sample Tech(s): E. ORLOWSKI    |                                   |       | Surface Water                        |                 |                            | Air    |      |      |  |
| Sample Location: KINGSTON, NY                                                                                            |             |                        | Project and Task #: CZ41103.20 |                                   |       | Drinking Water                       |                 |                            | Other: |      |      |  |
|                                                                                                                          |             |                        | Project Manager: E. ORLOWSKI   |                                   |       |                                      |                 |                            |        |      |      |  |
| <b>WELL INFORMATION:</b>                                                                                                 |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
| Well Condition: Good.                                                                                                    |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
| Lock Type: NONE - FLUSH MOUNT      Key #: NA                                                                             |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
| <b>PURGE DATA:</b>                                                                                                       |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
| Measuring Point: TOC-PVC                                                                                                 |             |                        |                                | (B)                               |       | Purge Method: PERISTALTIC - LOW FLOW |                 |                            |        |      |      |  |
| Depth to Bottom:                                                                                                         | 24.50       | Pipe Width             | Gal/Foot                       |                                   |       | Start Date:                          | 4/4/2022        |                            |        |      |      |  |
| Depth to Water:                                                                                                          | 12.18       | 1.0"                   | 0.041                          |                                   |       | Start Time:                          | 11:36:00 AM     |                            |        |      |      |  |
| Water Column Height: (A)                                                                                                 | 12.32       | 1.5"                   | 0.092                          |                                   |       | Stop Time:                           | 12:01:00 PM     |                            |        |      |      |  |
| (depth to bottom - depth to water)                                                                                       |             |                        |                                | 2.0"                              | 0.163 | Purge Rate (gpm):                    | 0.07            |                            |        |      |      |  |
| # of Volumes to be Purged: (C)                                                                                           |             |                        |                                | 2.5"                              | 0.255 | Elapsed Time (min):                  | 25              |                            |        |      |      |  |
| N/A                                                                                                                      |             |                        |                                | 3.0"                              | 0.367 | Well Vol. Purged (#):                | 0.9             |                            |        |      |      |  |
|                                                                                                                          |             |                        |                                | 4.0"                              | 0.653 | Purge Vol. (gal):                    | 1.75            |                            |        |      |      |  |
| Gal. to be Purged: (AxBxC)                                                                                               |             |                        |                                | 6.0"                              | 1.469 | Well went dry?                       | No              | Yes                        |        |      |      |  |
| N/A                                                                                                                      |             |                        |                                | 8.0"                              | 2.611 | Conditions:                          | No Odor         | Odor                       |        |      |      |  |
|                                                                                                                          |             |                        |                                |                                   |       | Clear                                | Slightly-Turbid | Turbid                     |        |      |      |  |
| <b>FIELD RESULTS:</b>                                                                                                    |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
| Gal purged                                                                                                               | Date & Time | Depth to Water         | Temp                           | SpCond                            | Cond. | Turbidity                            | TDS             | Odor                       | DO     | pH   | ORP  |  |
| gal                                                                                                                      |             | ft                     | deg C                          | uS/cm <sup>2</sup>                | uS/cm | NTU                                  | g/L             |                            | mg/L   |      | mV   |  |
| 0.00                                                                                                                     | 11:36       | 12.18                  | 10.4                           | 5008                              | 3615  | 8.63                                 | 3.2565          | none                       | 16.20  | 6.60 | 86.0 |  |
| 0.35                                                                                                                     | 11:41       | 13.99                  | 10.7                           | 5138                              | 3731  | 7.77                                 | 3.3410          | none                       | 3.19   | 6.59 | 89.5 |  |
| 0.70                                                                                                                     | 11:46       | 14.97                  | 10.4                           | 5135                              | 3707  | 6.53                                 | 3.3345          | none                       | 2.03   | 6.61 | 88.5 |  |
| 1.05                                                                                                                     | 11:51       | 16.96                  | 10.5                           | 5121                              | 3703  | 4.89                                 | 3.3280          | none                       | 1.73   | 6.52 | 86.6 |  |
| 1.40                                                                                                                     | 11:56       | 17.85                  | 10.6                           | 5132                              | 3721  | 5.22                                 | 3.3345          | none                       | 1.56   | 6.55 | 85.0 |  |
| 1.75                                                                                                                     | 12:01       | 19.25                  | 10.9                           | 5174                              | 3776  | 6.03                                 | 3.3605          | none                       | 1.42   | 6.52 | 84.1 |  |
|                                                                                                                          |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
|                                                                                                                          |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
|                                                                                                                          |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
|                                                                                                                          |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
| <b>SAMPLE INFORMATION:</b>                                                                                               |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
| Sample Method: PERISTALTIC (Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.) |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
| Sample Type: Grab Composite                                                                                              |             | Sample Depth:          |                                |                                   |       |                                      |                 |                            |        |      |      |  |
| Weather: MOSTLY SUNNY                                                                                                    |             | Barometric Pres.:      |                                | Wind: LIGHT BREEZE                |       |                                      |                 |                            |        |      |      |  |
|                                                                                                                          |             | Air Temp.(°F): low 50s |                                |                                   |       |                                      |                 |                            |        |      |      |  |
| Notes:                                                                                                                   |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
|                                                                                                                          |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
|                                                                                                                          |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
|                                                                                                                          |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
|                                                                                                                          |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
| <b>LAB REQUESTS:</b>                                                                                                     |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
| Laboratory Name: YORK                                                                                                    |             |                        |                                | Analysis/Method: TCL VOCs BY 8260 |       |                                      |                 | Turn Around Time: STANDARD |        |      |      |  |
|                                                                                                                          |             |                        |                                | PRIORITY POLL. METALS             |       |                                      |                 |                            |        |      |      |  |
|                                                                                                                          |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |
| <b>QA/QC:</b> Duplicate      Equip. Blank      Field Blank      Trip Blank                                               |             |                        |                                |                                   |       |                                      |                 |                            |        |      |      |  |



# GROUNDWATER SAMPLING FIELD DATA SHEET

## SAMPLE INFORMATION:

|                                      |                                       |                                            |
|--------------------------------------|---------------------------------------|--------------------------------------------|
| Sample ID: <u>KC-MW-05 0422</u>      | Sample Time: <u>11:15</u>             | Sample Matrix (circle): <u>Groundwater</u> |
| Well ID: <u>MW-05</u>                | Sample Date: <u>4/4/2022</u>          | Soil <input type="checkbox"/>              |
| Project Name: <u>KINGSTON CVS</u>    | Sample Tech(s): <u>E. ORLOWSKI</u>    | Air <input type="checkbox"/>               |
| Sample Location: <u>KINGSTON, NY</u> | Project and Task #: <u>CZ41103.20</u> | Drinking Water <input type="checkbox"/>    |
|                                      | Project Manager: <u>E. ORLOWSKI</u>   | Other: <input type="checkbox"/>            |

## WELL INFORMATION:

Well Condition: Good.

Lock Type: NONE - FLUSH MOUNT Key #: NA

## PURGE DATA:

| Measuring Point: <u>TOC-PVC</u><br>Depth to Bottom: <u>24.30</u><br>Depth to Water: <u>8.51</u><br>Water Column Height: (A) <u>15.79</u><br>(depth to bottom - depth to water)<br># of Volumes to be Purged: (C) <u>N/A</u><br>Gal. to be Purged: (AxBxC) <u>N/A</u> | (B)<br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Pipe Width</th> <th>Gal/Foot</th> </tr> </thead> <tbody> <tr><td>1.0"</td><td>0.041</td></tr> <tr><td>1.5"</td><td>0.092</td></tr> <tr><td><b>2.0"</b></td><td><b>0.163</b></td></tr> <tr><td>2.5"</td><td>0.255</td></tr> <tr><td>3.0"</td><td>0.367</td></tr> <tr><td>4.0"</td><td>0.653</td></tr> <tr><td>6.0"</td><td>1.469</td></tr> <tr><td>8.0"</td><td>2.611</td></tr> </tbody> </table> | Pipe Width | Gal/Foot | 1.0" | 0.041 | 1.5" | 0.092 | <b>2.0"</b> | <b>0.163</b> | 2.5" | 0.255 | 3.0" | 0.367 | 4.0" | 0.653 | 6.0" | 1.469 | 8.0" | 2.611 | Purge Method: <u>PERISTALTIC - LOW FLOW</u><br>Start Date: <u>4/4/2022</u><br>Start Time: <u>10:54:00 AM</u><br>Stop Time: <u>11:14:00 AM</u><br>Purge Rate (gpm): <u>0.070</u><br>Elapsed Time (min): <u>20</u><br>Well Vol. Purged (#): <u>0.5</u><br>Purge Vol. (gal): <u>1.4</u><br>Well went dry? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes<br>Conditions: <input checked="" type="checkbox"/> No Odor <input type="checkbox"/> Odor<br><input checked="" type="checkbox"/> Clear <input type="checkbox"/> Slightly-Turbid <input type="checkbox"/> Turbid |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|------|-------|------|-------|-------------|--------------|------|-------|------|-------|------|-------|------|-------|------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pipe Width                                                                                                                                                                                                                                                           | Gal/Foot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 1.0"                                                                                                                                                                                                                                                                 | 0.041                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 1.5"                                                                                                                                                                                                                                                                 | 0.092                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>2.0"</b>                                                                                                                                                                                                                                                          | <b>0.163</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2.5"                                                                                                                                                                                                                                                                 | 0.255                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3.0"                                                                                                                                                                                                                                                                 | 0.367                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 4.0"                                                                                                                                                                                                                                                                 | 0.653                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 6.0"                                                                                                                                                                                                                                                                 | 1.469                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.0"                                                                                                                                                                                                                                                                 | 2.611                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |          |      |       |      |       |             |              |      |       |      |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

## FIELD RESULTS:

| Gal purged | Date & Time | Depth to Water | Temp  | SpCond             | Cond. | Turbidity | TDS    | Odor | DO    | pH   | ORP   |  |
|------------|-------------|----------------|-------|--------------------|-------|-----------|--------|------|-------|------|-------|--|
| gal        |             | ft             | deg C | uS/cm <sup>2</sup> | uS/cm | NTU       | g/L    |      | mg/L  |      | mV    |  |
| 0.0        | 10:54       | 8.51           | 12.2  | 8059               | 6101  | 12.96     | 5.2845 | none | 19.87 | 6.79 | 153.3 |  |
| 0.35       | 10:59       | 9.68           | 12.2  | 8337               | 6303  | 7.65      | 5.4145 | none | 4.3   | 6.86 | 125.9 |  |
| 0.70       | 11:04       | 10.80          | 12.2  | 8356               | 6310  | 0.89      | 5.4340 | none | 3.74  | 6.89 | 113.5 |  |
| 1.05       | 11:09       | 11.56          | 12.3  | 8360               | 6319  | 1.04      | 5.4340 | none | 3.58  | 6.87 | 105.8 |  |
| 1.40       | 11:14       | 12.23          | 12.5  | 8350               | 6348  | 1.33      | 5.4340 | none | 3.52  | 6.82 | 101.0 |  |
|            |             |                |       |                    |       |           |        |      |       |      |       |  |
|            |             |                |       |                    |       |           |        |      |       |      |       |  |
|            |             |                |       |                    |       |           |        |      |       |      |       |  |
|            |             |                |       |                    |       |           |        |      |       |      |       |  |
|            |             |                |       |                    |       |           |        |      |       |      |       |  |

## SAMPLE INFORMATION:

Sample Method: PERISTALTIC (Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, Dir. Instrument Reading, etc.)

Sample Type: Grab Composite Sample Depth: \_\_\_\_\_

Weather: MOSTLY SUNNY Barometric Pres.: \_\_\_\_\_ Wind: BREEZY

Air Temp.(°F): 50ish

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## LAB REQUESTS:

|                              |                                          |                                   |
|------------------------------|------------------------------------------|-----------------------------------|
| Laboratory Name: <u>YORK</u> | Analysis/Method: <u>TCL VOCs BY 8260</u> | Turn Around Time: <u>STANDARD</u> |
|                              | <u>PRIORITY POLL. METALS</u>             |                                   |
|                              |                                          |                                   |

QA/QC: Duplicate ☐ Equip. Blank ☐ Field Blank ☐ Trip Blank ☒

# GROUNDWATER SAMPLING FIELD DATA SHEET

[illegible]

# WELL DEVELOPMENT FIELD SHEET

|                          |              |             |             |
|--------------------------|--------------|-------------|-------------|
| PROJECT NAME:            | Kingston CVS | WELL ID:    | MW-o8       |
| PROJECT NUMBER and TASK: | CZ41140.03   | FIELD DATE: | 4/4/2022    |
| PROJECT LOCATION:        | Kingston, NY | TECHNICIAN: | E. Orłowski |
| PROJECT MANAGER:         | E. Orłowski  |             |             |

|                                   |       |         |
|-----------------------------------|-------|---------|
| Depth to Bottom:                  | 30.00 | feet    |
| Depth to Water:                   | 11.41 | feet    |
| Length of Water Column =          | 18.59 | feet    |
| Gallons of Water/Foot of Depth: x | 0.041 | gal/ft  |
| Well Volume =                     | 0.76  | gallons |
| # of well volumes to be purged: x | 10    |         |
| Total volume to be purged =       | 7.62  | gallons |

| Pipe Diameter | Gallons/ Foot |
|---------------|---------------|
| 1.0"          | 0.041         |
| 1.25"         | 0.064         |
| 2.0"          | 0.163         |
| 3.0"          | 0.367         |
| 4.0"          | 0.653         |
| 6.0"          | 1.469         |
| 8.0"          | 2.611         |

Purge Method: Peristaltic Pump

Water Level Reference Point: Top of PVC Riser

| Time                                    | Water Level | Flow Rate | Temp. | pH   | Conductivity | Turbidity   | Other ( Odor ) |
|-----------------------------------------|-------------|-----------|-------|------|--------------|-------------|----------------|
| 13:50                                   | 11.41       | 0.13      |       |      |              | very turbid | none           |
| 13:57                                   | 11.42       | 0.13      | 12.1  | 7.14 | 3253         | turbid      | none           |
| 14:02                                   | 11.42       | 0.13      | 11.9  | 7.12 | 3391         | turbid      | none           |
| 14:08                                   | 11.42       | 0.13      | 11.9  | 7.11 | 3471         | 658.1       | none           |
| 14:14                                   | 11:42       | 0.13      | 11.6  | 7.10 | 3451         | 689.9       | none           |
| 14:20                                   | 11:43       | 0.13      | 11.4  | 7.09 | 3426         | 732.4       | none           |
| 14:26                                   | 11:43       | 0.13      | 11.1  | 7.07 | 3406         | 409.6       | none           |
| 14:32                                   | 11:43       | 0.13      | 11.1  | 7.07 | 3404         | 308.1       | none           |
| 14:38                                   | 11:43       | 0.13      | 11.1  | 7.06 | 3404         | 227.6       | none           |
| 14:44                                   | 11:43       | 0.13      | 11.0  | 7.07 | 3403         | 150.4       | none           |
| 14:50                                   | 11:43       | 0.13      | 11.0  | 7.08 | 3383         | 141.1       | none           |
|                                         |             |           |       |      |              |             |                |
| 14:51 - Collected sample for 8260 VOCs. |             |           |       |      |              |             |                |
|                                         |             |           |       |      |              |             |                |
|                                         |             |           |       |      |              |             |                |
|                                         |             |           |       |      |              |             |                |
|                                         |             |           |       |      |              |             |                |
|                                         |             |           |       |      |              |             |                |
|                                         |             |           |       |      |              |             |                |
|                                         |             |           |       |      |              |             |                |

NOTES:

**SITE INSPECTION REPORT**

Person performing Inspection: Eric Orlowski, PG Date: 11/9/2021 Weather: Sunny, 60s, breezy  
 Signature: *Eric Orlowski* Page: 1 of 1

**SOIL COVER SYSTEM INSPECTION**

| Chestlist Items:                                                            | Acceptable                          | Not Acceptable           | Remarks/Locations |
|-----------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------|
| There is no evidence of erosion of cover soils/materials from Site surface. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |
| There is no evidence of depressions in cover materials.                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |
| There is no evidence of significant cracks in cover materials.              | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |
| There is no evidence of exposed or damaged demarcation barrier.             | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |
| There is no evidence of vapors or odors emanating from the Site.            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |

**VEGETATIVE INSPECTION**

|                                                                        |                                     |                          |  |
|------------------------------------------------------------------------|-------------------------------------|--------------------------|--|
| Vegetation is well established over greenspace areas.                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There is no evidence of stressed vegetation.                           | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There is no evidence of bare or thin vegetative cover.                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There is no evidence of overgrowth or areas that need to be mowed.     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There is no evidence of recent areas of excavation or disturbed areas. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |

**VECTOR INSPECTION**

|                                                                                      |                                     |                          |  |
|--------------------------------------------------------------------------------------|-------------------------------------|--------------------------|--|
| No vectors or vector activity (e.g. tracks, droppings, dens, etc.) were observed.    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There was no evidence of damage to the soil cover system due to the vector activity. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |

**DRAINAGE SYSTEM INSPECTION**

|                                                                                   |                                     |                          |  |
|-----------------------------------------------------------------------------------|-------------------------------------|--------------------------|--|
| There is no evidence of erosion around drainage structures.                       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There is no evidence of settlement of drainage structures                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| Manhole covers present and in good condition.                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There is no evidence of siltation, debris, or other restrictions in the manholes. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There are no exposed or damaged weep hole extension along retaining wall.         | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |

**SITE INSPECTION REPORT**

 Person performing Inspection: Eric Orlowski, PG Date: 11/9/2021 Weather: Sunny, 60s, breezy  
 Signature:  Page: 1 of 1
**MONITORING WELL INSPECTION**

| Chestlist Items:                                      | Acceptable                          | Not Accpetable           | Remarks/Locations                   |
|-------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| The monitoring wells are in generally good condition. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Repainted all roadbox covers white. |
| Well Caps are installed on the wells.                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |
| Locks present and secured.                            | <input type="checkbox"/>            | <input type="checkbox"/> | N / A - all wells flush-mount.      |

**SITE ACCESSIBILITY INSPECTION**

|                               |                                     |                          |  |
|-------------------------------|-------------------------------------|--------------------------|--|
| Site accessible and passable. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
|-------------------------------|-------------------------------------|--------------------------|--|

**INSTITUTIONAL CONTROL INSPECTION**

|                                                                                           |                                     |                          |  |
|-------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|--|
| The Site continues to be utilized for commerical or restricted residential uses only.     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There is no evidence of groundwater extraction and/or use on Site.<br>drainage structures | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |

**ADDITIONAL NOTES & OBSERVATIONS**

# Kingston CVS Site SSDS Inspection Worksheet

|                                                           |                                     |           |                               |
|-----------------------------------------------------------|-------------------------------------|-----------|-------------------------------|
| <b>Date:</b> 11/9/2021                                    | <b>Inspector:</b> Eric Orłowski, PG |           |                               |
|                                                           | <b>Yes</b>                          | <b>No</b> | <b>General Comments/Notes</b> |
| Is the system running normally?                           | X                                   |           |                               |
| Is the indicator light functioning?                       | X                                   |           |                               |
| Is the electrical/ control panel secure?                  | X                                   |           |                               |
|                                                           |                                     |           |                               |
| Does the inlet pipe (copper) feel cool/cold to the touch? | X                                   |           |                               |
| Does the outlet pipe (copper) feel warm but not hot?      | X                                   |           |                               |
| Is the stack clear and evenly discharging air?            | X                                   |           |                               |
| Is there any water being exhausted from the stack?        |                                     | X         |                               |
| Does the effluent air have any noticeable odor?           |                                     | X         |                               |
|                                                           |                                     |           |                               |
| Does the blower feel warm but not hot?                    | X                                   |           |                               |
| Does the blower sound as if it's running smoothly?        | X                                   |           |                               |
|                                                           |                                     |           |                               |

| <b>System Readings</b> |          |       |
|------------------------|----------|-------|
|                        | Pressure | PID   |
| Time                   | (in WC)  | (ppm) |
| 1600                   | 0.26     | 0.2   |

**SITE INSPECTION REPORT**

Person performing Inspection: Eric Orlowski, PG Date: 4 / 04 / 2022 Weather: Partly sunny, 50s, breezy  
 Signature: *Eric Orlowski* Page: 1 of 1

**SOIL COVER SYSTEM INSPECTION**

| Chestlist Items:                                                            | Acceptable                          | Not Acceptable           | Remarks/Locations |
|-----------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------|
| There is no evidence of erosion of cover soils/materials from Site surface. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |
| There is no evidence of depressions in cover materials.                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |
| There is no evidence of significant cracks in cover materials.              | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |
| There is no evidence of exposed or damaged demarcation barrier.             | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |
| There is no evidence of vapors or odors emanating from the Site.            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |

**VEGETATIVE INSPECTION**

|                                                                        |                                     |                          |  |
|------------------------------------------------------------------------|-------------------------------------|--------------------------|--|
| Vegetation is well established over greenspace areas.                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There is no evidence of stressed vegetation.                           | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There is no evidence of bare or thin vegetative cover.                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There is no evidence of overgrowth or areas that need to be mowed.     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There is no evidence of recent areas of excavation or disturbed areas. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |

**VECTOR INSPECTION**

|                                                                                      |                                     |                          |  |
|--------------------------------------------------------------------------------------|-------------------------------------|--------------------------|--|
| No vectors or vector activity (e.g. tracks, droppings, dens, etc.) were observed.    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There was no evidence of damage to the soil cover system due to the vector activity. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |

**DRAINAGE SYSTEM INSPECTION**

|                                                                                   |                                     |                          |  |
|-----------------------------------------------------------------------------------|-------------------------------------|--------------------------|--|
| There is no evidence of erosion around drainage structures.                       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There is no evidence of settlement of drainage structures                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| Manhole covers present and in good condition.                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There is no evidence of siltation, debris, or other restrictions in the manholes. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There are no exposed or damaged weep hole extension along retaining wall.         | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |

**SITE INSPECTION REPORT**

 Person performing Inspection: Eric Orlowski, PG Date: 4 / 04 / 2022 Weather: Partly sunny, 50s, breezy  
 Signature:  Page: 1 of 1
**MONITORING WELL INSPECTION**

| Chestlist Items:                                      | Acceptable                          | Not Accpetable           | Remarks/Locations              |
|-------------------------------------------------------|-------------------------------------|--------------------------|--------------------------------|
| The monitoring wells are in generally good condition. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                |
| Well Caps are installed on the wells.                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                |
| Locks present and secured.                            | <input type="checkbox"/>            | <input type="checkbox"/> | N / A - all wells flush-mount. |

**SITE ACCESSIBILITY INSPECTION**

|                               |                                     |                          |  |
|-------------------------------|-------------------------------------|--------------------------|--|
| Site accessible and passable. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
|-------------------------------|-------------------------------------|--------------------------|--|

**INSTITUTIONAL CONTROL INSPECTION**

|                                                                                        |                                     |                          |  |
|----------------------------------------------------------------------------------------|-------------------------------------|--------------------------|--|
| The Site continues to be utilized for commerical or restricted residential uses only.  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| There is no evidence of groundwater extraction and/or use on Site. drainage structures | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |

**ADDITIONAL NOTES & OBSERVATIONS**



# Kingston CVS Site SSDS Inspection Worksheet

|                                                           |                                        |           |                               |
|-----------------------------------------------------------|----------------------------------------|-----------|-------------------------------|
| <b>Date:</b> 4/4/2022                                     | <b>Inspector:</b> Eric J. Orłowski, PG |           |                               |
|                                                           | <b>Yes</b>                             | <b>No</b> | <b>General Comments/Notes</b> |
| Is the system running normally?                           | X                                      |           |                               |
| Is the indicator light functioning?                       | X                                      |           |                               |
| Is the electrical/ control panel secure?                  | X                                      |           |                               |
|                                                           |                                        |           |                               |
| Does the inlet pipe (copper) feel cool/cold to the touch? | X                                      |           |                               |
| Does the outlet pipe (copper) feel warm but not hot?      | X                                      |           |                               |
| Is the stack clear and evenly discharging air?            | X                                      |           |                               |
| Is there any water being exhausted from the stack?        |                                        | X         |                               |
| Does the effluent air have any noticeable odor?           |                                        | X         |                               |
|                                                           |                                        |           |                               |
| Does the blower feel warm but not hot?                    | X                                      |           |                               |
| Does the blower sound as if it's running smoothly?        | X                                      |           |                               |
|                                                           |                                        |           |                               |

| <b>System Readings</b> |          |       |
|------------------------|----------|-------|
|                        | Pressure | PID   |
| Time                   | (in WC)  | (ppm) |
| 1900                   | 0.20     | 0.0   |



Photo #1

Description: Representative view (looking south) of site conditions at front of building.



Photo #2

Description: Representative view (looking northwest) of site conditions at rear of building.



Photo #3

Description: Representative view (looking southwest) of monitoring well MW-1 area.



Photo #4

Description: Representative view (looking northwest) of monitoring well MW-2 area, with low-flow sampling equipment deployed.



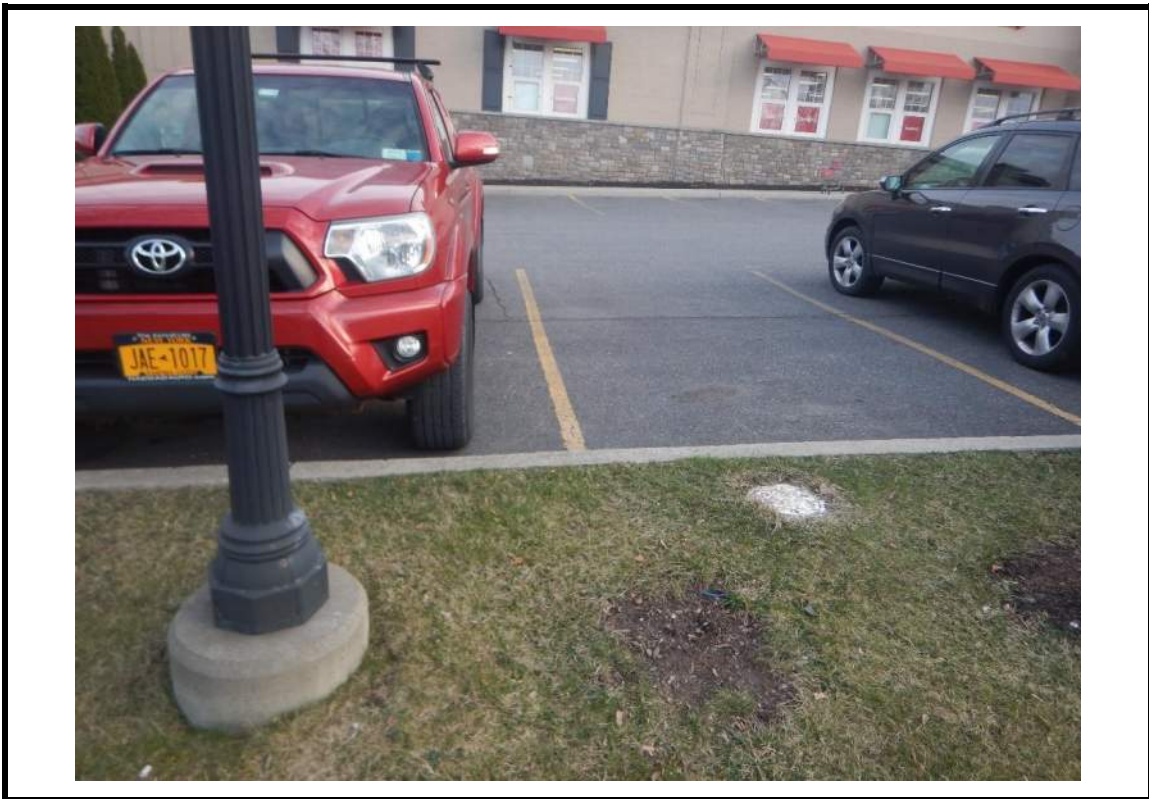


Photo #5

Description: Representative view (looking south) of monitoring well MW-5 area.

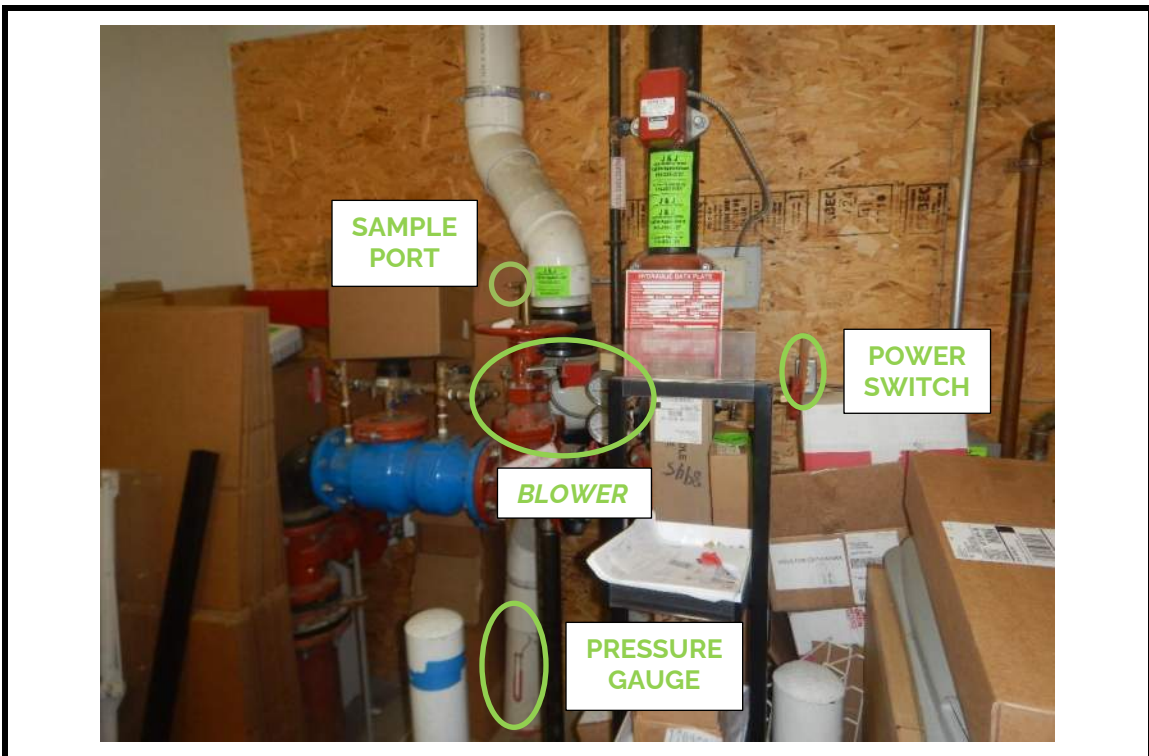


Photo #6

Description: Representative view of SSDS vent stack and controls (as labeled).



Photo #7

Description: Representative view (looking south) of new monitoring well MW-8 being drilled and installed.



Photo #8

Description: Representative view (looking north) of chemical injection apparatus in operation at injection well IW-3.



# APPENDIX B

**IC/EC Certification Forms for 2021-2022**



Enclosure 2  
**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**  
**Site Management Periodic Review Report Notice**  
**Institutional and Engineering Controls Certification Form**



**Site Details**

**Box 1**

**Site No.**            **C356035**

**Site Name**   **Utility Platers, Inc./Kingston Diagnostics**

Site Address: 416 Washington Avenue/167 Schwenck Drive      Zip Code: 12401  
City/Town: Kingston  
County: Ulster  
Site Acreage: 1.730

Reporting Period: July 01, 2021 to July 01, 2022

YES    NO

1. Is the information above correct? ☒    ☐

If NO, include handwritten above or on a separate sheet.

2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period? ☐    ☒

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? ☐    ☒

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? ☐    ☒

**If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.**

5. Is the site currently undergoing development? ☐    ☒

**Box 2**

YES    NO

6. Is the current site use consistent with the use(s) listed below? ☒    ☐  
Restricted-Residential, Commercial, and Industrial

7. Are all ICs in place and functioning as designed? ☒    ☐

**IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

**A Corrective Measures Work Plan must be submitted along with this form to address these issues.**

\_\_\_\_\_  
Signature of Owner, Remedial Party or Designated Representative

\_\_\_\_\_  
Date



**Box 2A**

YES NO

8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid? ☐ ☒

**If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.**

9. Are the assumptions in the Qualitative Exposure Assessment still valid? ☒ ☐  
(The Qualitative Exposure Assessment must be certified every five years)

**If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.**

**SITE NO. C356035****Box 3****Description of Institutional Controls**ParcelOwnerInstitutional Control**48.314-1-11.1**

Woodhaven National Management LLC

Soil Management Plan  
Monitoring Plan  
O&M Plan  
IC/EC Plan

Landuse Restriction  
Site Management Plan  
Ground Water Use Restriction

(1) The Controlled Property may be used for: "Restricted-residential use," "Commercial use" and/or "Industrial use", as described within 6 NYCRR Part 375-1.8(g)(2) (ii), (iii) and (iv).

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP.

(4) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(5) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(6) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(7) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP.

(8) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP.

(9) Access to the site must be provided to agents, employees or other representatives of the state of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

**Box 4****Description of Engineering Controls**ParcelEngineering Control**48.314-1-11.1**

Cover System  
Vapor Mitigation



### Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

**A Corrective Measures Work Plan must be submitted along with this form to address these issues.**

\_\_\_\_\_  
Signature of Owner, Remedial Party or Designated Representative

\_\_\_\_\_  
Date

IC CERTIFICATIONS  
SITE NO. C356035

Box 6

**SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE**

I certify that all information and statements in Boxes 1, 2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Gedalia Oberlander at 51 PARK Lane Monsey NY 10952  
print name print business address

am certifying as owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

  
Signature of Owner, Remedial Party, or Designated Representative  
Rendering Certification

7/7/2022  
Date

EC CERTIFICATIONS

Box 7

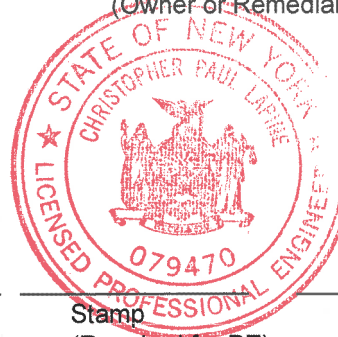
Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Christopher Lapine at 21 Fox Street, Poughkeepsie, NY 12601  
print name print business address

am certifying as a Qualified Environmental Professional for the Woodhaven National Management, LLC  
(Owner or Remedial Party)

Christopher Lapine  
Signature of Qualified Environmental Professional, for  
the Owner or Remedial Party, Rendering Certification



Stamp  
(Required for PE)

7/28/22  
Date



# APPENDIX C

## Laboratory Analytical Reports and Data Usability Summary Report

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# Technical Report

prepared for:

**Chazen Environmental Services (Poughkeepsie)**

21 Fox Street

Poughkeepsie NY, 12601

**Attention: Eric Orlowski**

Report Date: 11/24/2021

**Client Project ID: 41103.20 KINGSTON CVS**

York Project (SDG) No.: 21K0471

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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Report Date: 11/24/2021  
Client Project ID: 41103.20 KINGSTON CVS  
York Project (SDG) No.: 21K0471

**Chazen Environmental Services (Poughkeepsie)**

21 Fox Street  
Poughkeepsie NY, 12601  
Attention: Eric Orlowski

---

## 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 November 10, 2021 and listed below. The project was identified as your project: **41103.20 KINGSTON CVS**.

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> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 21K0471-01            | KC-MW-01 1121           | Water         | 11/09/2021            | 11/10/2021           |
| 21K0471-02            | KC-MW-02 1121           | Water         | 11/09/2021            | 11/10/2021           |
| 21K0471-03            | KC-MW-05 1121           | Water         | 11/09/2021            | 11/10/2021           |
| 21K0471-04            | KC-MW-07 1121           | Water         | 11/09/2021            | 11/10/2021           |
| 21K0471-05            | KC-FD-001 1121          | Water         | 11/09/2021            | 11/10/2021           |
| 21K0471-06            | TRIP BLANK 1121         | Water         | 11/09/2021            | 11/10/2021           |



## **General Notes for York Project (SDG) No.: 21K0471**

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:** 

Cassie L. Mosher  
Laboratory Manager

**Date:** 11/24/2021





## Sample Information

**Client Sample ID:** KC-MW-01 1121

**York Sample ID:** 21K0471-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21K0471

41103.20 KINGSTON CVS

Water

November 9, 2021 1:33 pm

11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>19.6</b> |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-35-4  | <b>1,1-Dichloroethylene</b>                          | <b>119</b>  |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 123-91-1 | 1,4-Dioxane                                          | ND          |      | ug/L  | 200                    | 400  | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 78-93-3  | 2-Butanone                                           | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-10-1 | 4-Methyl-2-pentanone                                 | ND          |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|          |                                                      |             |      |       |                        |      |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |



## Sample Information

**Client Sample ID:** KC-MW-01 1121

**York Sample ID:** 21K0471-01

York Project (SDG) No.  
21K0471

Client Project ID  
41103.20 KINGSTON CVS

Matrix  
Water

Collection Date/Time  
November 9, 2021 1:33 pm

Date Received  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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 |
|------------|---------------------------------|--------------|------|-------|------------------------|------|-----------------|-----------------------------------------------|-----------------------|-----------------------|---------|
| 67-64-1    | Acetone                         | ND           |      | ug/L  | 5.00                   | 10.0 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 107-02-8   | Acrolein                        | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 107-13-1   | Acrylonitrile                   | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 71-43-2    | <b>Benzene</b>                  | <b>3.15</b>  |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 74-97-5    | Bromochloromethane              | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 75-27-4    | Bromodichloromethane            | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-25-2    | Bromoform                       | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 74-83-9    | Bromomethane                    | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-15-0    | Carbon disulfide                | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 56-23-5    | Carbon tetrachloride            | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-90-7   | Chlorobenzene                   | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-00-3    | Chloroethane                    | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 67-66-3    | Chloroform                      | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 74-87-3    | Chloromethane                   | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>40000</b> |      | ug/L  | 100                    | 250  | 500             | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 16:59      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 110-82-7   | Cyclohexane                     | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 124-48-1   | Dibromochloromethane            | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 74-95-3    | Dibromomethane                  | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 75-71-8    | Dichlorodifluoromethane         | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 100-41-4   | <b>Ethyl Benzene</b>            | <b>1.10</b>  |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 87-68-3    | Hexachlorobutadiene             | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 98-82-8    | Isopropylbenzene                | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 79-20-9    | Methyl acetate                  | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |



## Sample Information

**Client Sample ID:** KC-MW-01 1121

**York Sample ID:** 21K0471-01

York Project (SDG) No.  
21K0471

Client Project ID  
41103.20 KINGSTON CVS

Matrix  
Water

Collection Date/Time  
November 9, 2021 1:33 pm

Date Received  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-87-2                    | Methylcyclohexane                 | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 75-09-2                     | <b>Methylene chloride</b>         | <b>12.6</b>   |                         | ug/L  | 5.00                   | 10.0 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 104-51-8                    | n-Butylbenzene                    | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 103-65-1                    | n-Propylbenzene                   | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 95-47-6                     | <b>o-Xylene</b>                   | <b>1.35</b>   |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 179601-23-1                 | <b>p- &amp; m- Xylenes</b>        | <b>3.35</b>   |                         | ug/L  | 2.50                   | 5.00 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 99-87-6                     | p-Isopropyltoluene                | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 135-98-8                    | sec-Butylbenzene                  | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 100-42-5                    | Styrene                           | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-65-0                     | tert-Butyl alcohol (TBA)          | ND            |                         | ug/L  | 2.50                   | 5.00 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 98-06-6                     | tert-Butylbenzene                 | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 127-18-4                    | Tetrachloroethylene               | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-88-3                    | <b>Toluene</b>                    | <b>5.20</b>   |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 156-60-5                    | <b>trans-1,2-Dichloroethylene</b> | <b>708</b>    |                         | ug/L  | 20.0                   | 50.0 | 100             | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 16:32      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 10061-02-6                  | trans-1,3-Dichloropropylene       | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 79-01-6                     | <b>Trichloroethylene</b>          | <b>29600</b>  |                         | ug/L  | 100                    | 250  | 500             | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 16:59      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-69-4                     | Trichlorofluoromethane            | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-01-4                     | <b>Vinyl Chloride</b>             | <b>3400</b>   |                         | ug/L  | 20.0                   | 50.0 | 100             | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 16:32      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 1330-20-7                   | <b>Xylenes, Total</b>             | <b>4.70</b>   |                         | ug/L  | 3.00                   | 7.50 | 5               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:06      | PD      |
|                             |                                   |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       |                       |                       |         |
| <b>Surrogate Recoveries</b> |                                   | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |                 |                                               |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8       | 99.2 %        | 70-130                  |       |                        |      |                 |                                               |                       |                       |         |



## Sample Information

**Client Sample ID:** KC-MW-01 1121

**York Sample ID:** 21K0471-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21K0471

41103.20 KINGSTON CVS

Water

November 9, 2021 1:33 pm

11/10/2021

### Metals, Priority Pollutant

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

| CAS No.   | Parameter  | Result | Flag | Units | Reported to<br>LOO | Dilution | Reference Method                                             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|------------|--------|------|-------|--------------------|----------|--------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-36-0 | Antimony   | ND     |      | mg/L  | 0.028              | 1        | EPA 6010D<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 08:53      | 11/15/2021 18:51      | RTH     |
| 7440-38-2 | Arsenic    | 0.026  |      | mg/L  | 0.017              | 1        | EPA 6010D<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 08:53      | 11/15/2021 18:51      | RTH     |
| 7440-41-7 | Beryllium  | ND     |      | mg/L  | 0.0006             | 1        | EPA 6010D<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 08:53      | 11/15/2021 18:51      | RTH     |
| 7440-43-9 | Cadmium    | ND     |      | mg/L  | 0.003              | 1        | EPA 6010D<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 08:53      | 11/15/2021 18:51      | RTH     |
| 7440-47-3 | Chromium   | ND     |      | mg/L  | 0.006              | 1        | EPA 6010D<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 08:53      | 11/15/2021 18:51      | RTH     |
| 7440-50-8 | Copper     | ND     |      | mg/L  | 0.022              | 1        | EPA 6010D<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 08:53      | 11/15/2021 18:51      | RTH     |
| 7439-92-1 | Lead       | ND     |      | mg/L  | 0.006              | 1        | EPA 6010D<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 08:53      | 11/15/2021 18:51      | RTH     |
| 7440-02-0 | Nickel     | 0.327  |      | mg/L  | 0.011              | 1        | EPA 6010D<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 08:53      | 11/15/2021 18:51      | RTH     |
| 7782-49-2 | * Selenium | 0.116  |      | mg/L  | 0.028              | 1        | EPA 6010D<br>Certifications: CTDOH                           | 11/15/2021 08:53      | 11/15/2021 18:51      | RTH     |
| 7440-22-4 | Silver     | ND     |      | mg/L  | 0.006              | 1        | EPA 6010D<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 08:53      | 11/15/2021 18:51      | RTH     |
| 7440-28-0 | Thallium   | ND     |      | mg/L  | 0.028              | 1        | EPA 6010D<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 08:53      | 11/15/2021 18:51      | RTH     |
| 7440-66-6 | Zinc       | ND     |      | mg/L  | 0.028              | 1        | EPA 6010D<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 08:53      | 11/15/2021 18:51      | RTH     |

### Mercury by 7470/7471

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOO | Dilution | Reference Method                                            | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|-------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7439-97-6 | Mercury   | ND     |      | mg/L  | 0.0002             | 1        | EPA 7470<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 18:20      | 11/15/2021 18:20      | AA      |

## Sample Information

**Client Sample ID:** KC-MW-02 1121

**York Sample ID:** 21K0471-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21K0471

41103.20 KINGSTON CVS

Water

November 9, 2021 11:38 am

11/10/2021

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | Reported to<br>LOD/MDL | LOO | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------|-----------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
|---------|-----------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|



## Sample Information

**Client Sample ID:** KC-MW-02 1121

**York Sample ID:** 21K0471-02

**York Project (SDG) No.**  
21K0471

**Client Project ID**  
41103.20 KINGSTON CVS

**Matrix**  
Water

**Collection Date/Time**  
November 9, 2021 11:38 am

**Date Received**  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 123-91-1 | 1,4-Dioxane                                          | ND     |      | ug/L  | 40.0                   | 80.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 78-93-3  | 2-Butanone                                           | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 591-78-6 | 2-Hexanone                                           | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 108-10-1 | 4-Methyl-2-pentanone                                 | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |



## Sample Information

**Client Sample ID:** KC-MW-02 1121

**York Sample ID:** 21K0471-02

York Project (SDG) No.  
21K0471

Client Project ID  
41103.20 KINGSTON CVS

Matrix  
Water

Collection Date/Time  
November 9, 2021 11:38 am

Date Received  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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 |
|------------|---------------------------------|-------------|------|-------|------------------------|-------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 67-64-1    | Acetone                         | ND          |      | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 107-02-8   | Acrolein                        | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 107-13-1   | Acrylonitrile                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 71-43-2    | Benzene                         | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 74-97-5    | Bromochloromethane              | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 75-27-4    | Bromodichloromethane            | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 75-25-2    | Bromoform                       | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 74-83-9    | Bromomethane                    | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 75-15-0    | Carbon disulfide                | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 56-23-5    | Carbon tetrachloride            | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 108-90-7   | Chlorobenzene                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 75-00-3    | Chloroethane                    | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 67-66-3    | Chloroform                      | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 74-87-3    | Chloromethane                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>2.41</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 110-82-7   | Cyclohexane                     | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 124-48-1   | Dibromochloromethane            | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 74-95-3    | Dibromomethane                  | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 75-71-8    | Dichlorodifluoromethane         | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 100-41-4   | Ethyl Benzene                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 87-68-3    | Hexachlorobutadiene             | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 98-82-8    | Isopropylbenzene                | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
| 79-20-9    | Methyl acetate                  | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |





## Sample Information

**Client Sample ID:** KC-MW-02 1121

**York Sample ID:** 21K0471-02

York Project (SDG) No.  
21K0471

Client Project ID  
41103.20 KINGSTON CVS

Matrix  
Water

Collection Date/Time  
November 9, 2021 11:38 am

Date Received  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-87-2                    | Methylcyclohexane                      | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 75-09-2                     | Methylene chloride                     | ND            |                         | ug/L  | 1.00                   | 2.00  | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 104-51-8                    | n-Butylbenzene                         | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 103-65-1                    | n-Propylbenzene                        | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 95-47-6                     | o-Xylene                               | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 179601-23-1                 | p- & m- Xylenes                        | ND            |                         | ug/L  | 0.500                  | 1.00  | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 99-87-6                     | p-Isopropyltoluene                     | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 135-98-8                    | sec-Butylbenzene                       | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 100-42-5                    | Styrene                                | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-65-0                     | tert-Butyl alcohol (TBA)               | ND            |                         | ug/L  | 0.500                  | 1.00  | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 98-06-6                     | tert-Butylbenzene                      | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 127-18-4                    | Tetrachloroethylene                    | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-88-3                    | Toluene                                | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 156-60-5                    | trans-1,2-Dichloroethylene             | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 10061-02-6                  | trans-1,3-Dichloropropylene            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 79-01-6                     | <b>Trichloroethylene</b>               | <b>1.86</b>   |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-69-4                     | Trichlorofluoromethane                 | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-01-4                     | Vinyl Chloride                         | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 1330-20-7                   | Xylenes, Total                         | ND            |                         | ug/L  | 0.600                  | 1.50  | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 17:33      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       |                       |                       |         |
| <b>Surrogate Recoveries</b> |                                        | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |                 |                                               |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR: 1,2-Dichloroethane-d4 | 104 %         | 70-130                  |       |                        |       |                 |                                               |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8            | 99.6 %        | 70-130                  |       |                        |       |                 |                                               |                       |                       |         |
| 460-00-4                    | Surrogate: SURR: p-Bromofluorobenzene  | 103 %         | 70-130                  |       |                        |       |                 |                                               |                       |                       |         |





## Sample Information

**Client Sample ID:** KC-MW-02 1121

**York Sample ID:** 21K0471-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21K0471

41103.20 KINGSTON CVS

Water

November 9, 2021 11:38 am

11/10/2021

### Metals, Priority Pollutant-Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOO | Dilution | Reference Method                                             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|--------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-36-0 | Antimony  | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:34      | EM      |
| 7440-38-2 | Arsenic   | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:34      | EM      |
| 7440-41-7 | Beryllium | ND     |      | ug/L  | 0.333              | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:34      | EM      |
| 7440-43-9 | Cadmium   | 0.558  |      | ug/L  | 0.556              | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:34      | EM      |
| 7440-47-3 | Chromium  | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:34      | EM      |
| 7440-50-8 | Copper    | 3.55   |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:34      | EM      |
| 7439-92-1 | Lead      | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:34      | EM      |
| 7440-02-0 | Nickel    | 10.0   |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:34      | EM      |
| 7782-49-2 | Selenium  | 2.08   |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:34      | EM      |
| 7440-22-4 | Silver    | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:34      | EM      |
| 7440-28-0 | Thallium  | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:34      | EM      |
| 7440-66-6 | Zinc      | 19.6   | B    | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:34      | EM      |

### Mercury by 7470/7471

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOO | Dilution | Reference Method                                            | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|-------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7439-97-6 | Mercury   | ND     |      | mg/L  | 0.0002             | 1        | EPA 7470<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 18:20      | 11/15/2021 18:20      | AA      |

## Sample Information

**Client Sample ID:** KC-MW-05 1121

**York Sample ID:** 21K0471-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21K0471

41103.20 KINGSTON CVS

Water

November 9, 2021 10:53 am

11/10/2021

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | Reported to<br>LOD/MDL | LOO | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------|-----------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
|---------|-----------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|



## Sample Information

**Client Sample ID:** KC-MW-05 1121

**York Sample ID:** 21K0471-03

**York Project (SDG) No.**  
21K0471

**Client Project ID**  
41103.20 KINGSTON CVS

**Matrix**  
Water

**Collection Date/Time**  
November 9, 2021 10:53 am

**Date Received**  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>0.370</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 75-35-4  | <b>1,1-Dichloroethylene</b>                          | <b>0.320</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 123-91-1 | 1,4-Dioxane                                          | ND           |      | ug/L  | 40.0                   | 80.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 78-93-3  | 2-Butanone                                           | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 591-78-6 | 2-Hexanone                                           | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 108-10-1 | 4-Methyl-2-pentanone                                 | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |



## Sample Information

**Client Sample ID:** KC-MW-05 1121

**York Sample ID:** 21K0471-03

York Project (SDG) No.  
21K0471

Client Project ID  
41103.20 KINGSTON CVS

Matrix  
Water

Collection Date/Time  
November 9, 2021 10:53 am

Date Received  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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 |
|------------|---------------------------------|-------------|------|-------|------------------------|-------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 67-64-1    | Acetone                         | ND          |      | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 107-02-8   | Acrolein                        | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 107-13-1   | Acrylonitrile                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 71-43-2    | Benzene                         | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 74-97-5    | Bromochloromethane              | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 75-27-4    | Bromodichloromethane            | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 75-25-2    | Bromoform                       | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 74-83-9    | Bromomethane                    | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 75-15-0    | Carbon disulfide                | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 56-23-5    | Carbon tetrachloride            | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 108-90-7   | Chlorobenzene                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 75-00-3    | Chloroethane                    | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 67-66-3    | Chloroform                      | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 74-87-3    | Chloromethane                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>27.0</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 110-82-7   | Cyclohexane                     | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 124-48-1   | Dibromochloromethane            | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 74-95-3    | Dibromomethane                  | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 75-71-8    | Dichlorodifluoromethane         | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 100-41-4   | Ethyl Benzene                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 87-68-3    | Hexachlorobutadiene             | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 98-82-8    | Isopropylbenzene                | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
| 79-20-9    | Methyl acetate                  | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |



## Sample Information

**Client Sample ID:** KC-MW-05 1121

**York Sample ID:** 21K0471-03

York Project (SDG) No.  
21K0471

Client Project ID  
41103.20 KINGSTON CVS

Matrix  
Water

Collection Date/Time  
November 9, 2021 10:53 am

Date Received  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-87-2                    | Methylcyclohexane                 | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 75-09-2                     | Methylene chloride                | ND            |                         | ug/L  | 1.00                   | 2.00  | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 104-51-8                    | n-Butylbenzene                    | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 103-65-1                    | n-Propylbenzene                   | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 95-47-6                     | o-Xylene                          | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 179601-23-1                 | p- & m- Xylenes                   | ND            |                         | ug/L  | 0.500                  | 1.00  | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 99-87-6                     | p-Isopropyltoluene                | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 135-98-8                    | sec-Butylbenzene                  | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 100-42-5                    | Styrene                           | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-65-0                     | tert-Butyl alcohol (TBA)          | ND            |                         | ug/L  | 0.500                  | 1.00  | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 98-06-6                     | tert-Butylbenzene                 | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 127-18-4                    | Tetrachloroethylene               | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-88-3                    | Toluene                           | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 156-60-5                    | <b>trans-1,2-Dichloroethylene</b> | <b>0.440</b>  |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 10061-02-6                  | trans-1,3-Dichloropropylene       | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 79-01-6                     | <b>Trichloroethylene</b>          | <b>68.6</b>   |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-69-4                     | Trichlorofluoromethane            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-01-4                     | Vinyl Chloride                    | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 1330-20-7                   | Xylenes, Total                    | ND            |                         | ug/L  | 0.600                  | 1.50  | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:00      | PD      |
|                             |                                   |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       |                       |                       |         |
| <b>Surrogate Recoveries</b> |                                   | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |                 |                                               |                       |                       |         |
| 2037-26-5                   | Surrogate: SURRE: Toluene-d8      | 99.1 %        | 70-130                  |       |                        |       |                 |                                               |                       |                       |         |



## Sample Information

**Client Sample ID:** KC-MW-05 1121

**York Sample ID:** 21K0471-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21K0471

41103.20 KINGSTON CVS

Water

November 9, 2021 10:53 am

11/10/2021

### Metals, Priority Pollutant-Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOO | Dilution | Reference Method                                             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|--------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-36-0 | Antimony  | 1.13   |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:38      | EM      |
| 7440-38-2 | Arsenic   | 3.65   |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:38      | EM      |
| 7440-41-7 | Beryllium | ND     |      | ug/L  | 0.333              | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:38      | EM      |
| 7440-43-9 | Cadmium   | ND     |      | ug/L  | 0.556              | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:38      | EM      |
| 7440-47-3 | Chromium  | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:38      | EM      |
| 7440-50-8 | Copper    | 2.65   |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:38      | EM      |
| 7439-92-1 | Lead      | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:38      | EM      |
| 7440-02-0 | Nickel    | 3.72   |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:38      | EM      |
| 7782-49-2 | Selenium  | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:38      | EM      |
| 7440-22-4 | Silver    | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:38      | EM      |
| 7440-28-0 | Thallium  | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:38      | EM      |
| 7440-66-6 | Zinc      | 20.0   | B    | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:38      | EM      |

### Mercury by 7470/7471

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOO | Dilution | Reference Method                                            | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|-------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7439-97-6 | Mercury   | ND     |      | mg/L  | 0.0002             | 1        | EPA 7470<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 18:20      | 11/15/2021 18:20      | AA      |

## Sample Information

**Client Sample ID:** KC-MW-07 1121

**York Sample ID:** 21K0471-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21K0471

41103.20 KINGSTON CVS

Water

November 9, 2021 12:25 pm

11/10/2021

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | Reported to<br>LOD/MDL | LOO | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------|-----------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
|---------|-----------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|



## Sample Information

**Client Sample ID:** KC-MW-07 1121

**York Sample ID:** 21K0471-04

**York Project (SDG) No.**  
21K0471

**Client Project ID**  
41103.20 KINGSTON CVS

**Matrix**  
Water

**Collection Date/Time**  
November 9, 2021 12:25 pm

**Date Received**  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                         | <b>1.81</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>4.38</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 123-91-1 | 1,4-Dioxane                                          | ND          |      | ug/L  | 40.0                   | 80.0  | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 78-93-3  | 2-Butanone                                           | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-10-1 | 4-Methyl-2-pentanone                                 | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|          |                                                      |             |      |       |                        |       |          | Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |



## Sample Information

**Client Sample ID:** KC-MW-07 1121

**York Sample ID:** 21K0471-04

York Project (SDG) No.  
21K0471

Client Project ID  
41103.20 KINGSTON CVS

Matrix  
Water

Collection Date/Time  
November 9, 2021 12:25 pm

Date Received  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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 |
|------------|---------------------------------|--------------|------|-------|------------------------|-------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 67-64-1    | Acetone                         | ND           |      | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 107-02-8   | Acrolein                        | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 107-13-1   | Acrylonitrile                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 71-43-2    | <b>Benzene</b>                  | <b>0.210</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 74-97-5    | Bromochloromethane              | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 75-27-4    | Bromodichloromethane            | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 75-25-2    | Bromoform                       | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 74-83-9    | Bromomethane                    | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 75-15-0    | Carbon disulfide                | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 56-23-5    | Carbon tetrachloride            | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 108-90-7   | Chlorobenzene                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 75-00-3    | Chloroethane                    | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 67-66-3    | <b>Chloroform</b>               | <b>0.240</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 74-87-3    | Chloromethane                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>13.3</b>  |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 110-82-7   | Cyclohexane                     | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 124-48-1   | Dibromochloromethane            | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 74-95-3    | Dibromomethane                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 75-71-8    | Dichlorodifluoromethane         | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 100-41-4   | Ethyl Benzene                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 87-68-3    | Hexachlorobutadiene             | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 98-82-8    | Isopropylbenzene                | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
| 79-20-9    | Methyl acetate                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |





## Sample Information

**Client Sample ID:** KC-MW-07 1121

**York Sample ID:** 21K0471-04

York Project (SDG) No.  
21K0471

Client Project ID  
41103.20 KINGSTON CVS

Matrix  
Water

Collection Date/Time  
November 9, 2021 12:25 pm

Date Received  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-87-2    | Methylcyclohexane                 | ND           |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 75-09-2     | Methylene chloride                | ND           |      | ug/L  | 1.00                   | 2.00  | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 104-51-8    | n-Butylbenzene                    | ND           |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 103-65-1    | n-Propylbenzene                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 95-47-6     | o-Xylene                          | ND           |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 179601-23-1 | p- & m- Xylenes                   | ND           |      | ug/L  | 0.500                  | 1.00  | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 99-87-6     | p-Isopropyltoluene                | ND           |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 135-98-8    | sec-Butylbenzene                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 100-42-5    | Styrene                           | ND           |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-65-0     | tert-Butyl alcohol (TBA)          | ND           |      | ug/L  | 0.500                  | 1.00  | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 98-06-6     | tert-Butylbenzene                 | ND           |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 127-18-4    | Tetrachloroethylene               | ND           |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-88-3    | Toluene                           | ND           |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 156-60-5    | <b>trans-1,2-Dichloroethylene</b> | <b>0.530</b> |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 10061-02-6  | trans-1,3-Dichloropropylene       | ND           |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 79-01-6     | <b>Trichloroethylene</b>          | <b>47.8</b>  |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-69-4     | Trichlorofluoromethane            | ND           |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-01-4     | Vinyl Chloride                    | ND           |      | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 1330-20-7   | Xylenes, Total                    | ND           |      | ug/L  | 0.600                  | 1.50  | 1               | EPA 8260C                                     | 11/17/2021 09:00      | 11/17/2021 18:26      | PD      |
|             |                                   |              |      |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       |                       |                       |         |





## Sample Information

**Client Sample ID:** KC-FD-001 1121

**York Sample ID:** 21K0471-05

York Project (SDG) No.  
21K0471

Client Project ID  
41103.20 KINGSTON CVS

Matrix  
Water

Collection Date/Time  
November 9, 2021 3:00 pm

Date Received  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>16.4</b> |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-35-4  | <b>1,1-Dichloroethylene</b>                          | <b>73.0</b> |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 123-91-1 | 1,4-Dioxane                                          | ND          |      | ug/L  | 200                    | 400  | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 78-93-3  | 2-Butanone                                           | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-10-1 | 4-Methyl-2-pentanone                                 | ND          |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 67-64-1  | Acetone                                              | ND          |      | ug/L  | 5.00                   | 10.0 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|          |                                                      |             |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |



## Sample Information

**Client Sample ID:** KC-FD-001 1121

**York Sample ID:** 21K0471-05

York Project (SDG) No.  
21K0471

Client Project ID  
41103.20 KINGSTON CVS

Matrix  
Water

Collection Date/Time  
November 9, 2021 3:00 pm

Date Received  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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 |
|------------|---------------------------------|--------------|------|-------|------------------------|------|-----------------|-----------------------------------------------|-----------------------|-----------------------|---------|
| 107-02-8   | Acrolein                        | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 107-13-1   | Acrylonitrile                   | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 71-43-2    | Benzene                         | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 74-97-5    | Bromochloromethane              | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 75-27-4    | Bromodichloromethane            | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-25-2    | Bromoform                       | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 74-83-9    | Bromomethane                    | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-15-0    | Carbon disulfide                | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 56-23-5    | Carbon tetrachloride            | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-90-7   | Chlorobenzene                   | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-00-3    | Chloroethane                    | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 67-66-3    | Chloroform                      | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 74-87-3    | Chloromethane                   | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>36200</b> |      | ug/L  | 100                    | 250  | 500             | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 16:05      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 110-82-7   | Cyclohexane                     | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 124-48-1   | Dibromochloromethane            | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 74-95-3    | Dibromomethane                  | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 75-71-8    | Dichlorodifluoromethane         | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 100-41-4   | Ethyl Benzene                   | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 87-68-3    | Hexachlorobutadiene             | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 98-82-8    | Isopropylbenzene                | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 79-20-9    | Methyl acetate                  | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 1634-04-4  | Methyl tert-butyl ether (MTBE)  | ND           |      | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|            |                                 |              |      |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |



## Sample Information

**Client Sample ID:** KC-FD-001 1121

**York Sample ID:** 21K0471-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21K0471

41103.20 KINGSTON CVS

Water

November 9, 2021 3:00 pm

11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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 |
|-----------------------------|-----------------------------------------|---------------|-------------------------|-------|------------------------|------|-----------------|-----------------------------------------------|-----------------------|-----------------------|---------|
| 108-87-2                    | Methylcyclohexane                       | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 75-09-2                     | <b>Methylene chloride</b>               | <b>15.6</b>   |                         | ug/L  | 5.00                   | 10.0 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 104-51-8                    | n-Butylbenzene                          | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 103-65-1                    | n-Propylbenzene                         | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 95-47-6                     | o-Xylene                                | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP       |                       |                       |         |
| 179601-23-1                 | p- & m- Xylenes                         | ND            |                         | ug/L  | 2.50                   | 5.00 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP       |                       |                       |         |
| 99-87-6                     | p-Isopropyltoluene                      | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 135-98-8                    | sec-Butylbenzene                        | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 100-42-5                    | Styrene                                 | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-65-0                     | tert-Butyl alcohol (TBA)                | ND            |                         | ug/L  | 2.50                   | 5.00 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 98-06-6                     | tert-Butylbenzene                       | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 127-18-4                    | Tetrachloroethylene                     | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-88-3                    | <b>Toluene</b>                          | <b>1.15</b>   |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 156-60-5                    | <b>trans-1,2-Dichloroethylene</b>       | <b>778</b>    |                         | ug/L  | 20.0                   | 50.0 | 100             | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:38      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 10061-02-6                  | trans-1,3-Dichloropropylene             | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 79-01-6                     | <b>Trichloroethylene</b>                | <b>29600</b>  |                         | ug/L  | 100                    | 250  | 500             | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 16:05      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-69-4                     | Trichlorofluoromethane                  | ND            |                         | ug/L  | 1.00                   | 2.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-01-4                     | <b>Vinyl Chloride</b>                   | <b>4320</b>   |                         | ug/L  | 20.0                   | 50.0 | 100             | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:38      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 1330-20-7                   | Xylenes, Total                          | ND            |                         | ug/L  | 3.00                   | 7.50 | 5               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 15:12      | PD      |
|                             |                                         |               |                         |       |                        |      | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       |                       |                       |         |
| <b>Surrogate Recoveries</b> |                                         | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |                 |                                               |                       |                       |         |
| 17060-07-0                  | Surrogate: SURRE: 1,2-Dichloroethane-d4 | 104 %         | 70-130                  |       |                        |      |                 |                                               |                       |                       |         |
| 17060-07-0                  | Surrogate: SURRE: 1,2-Dichloroethane-d4 | 97.8 %        | 70-130                  |       |                        |      |                 |                                               |                       |                       |         |
| 17060-07-0                  | Surrogate: SURRE: 1,2-Dichloroethane-d4 | 103 %         | 70-130                  |       |                        |      |                 |                                               |                       |                       |         |
| 2037-26-5                   | Surrogate: SURRE: Toluene-d8            | 100 %         | 70-130                  |       |                        |      |                 |                                               |                       |                       |         |
| 2037-26-5                   | Surrogate: SURRE: Toluene-d8            | 101 %         | 70-130                  |       |                        |      |                 |                                               |                       |                       |         |
| 2037-26-5                   | Surrogate: SURRE: Toluene-d8            | 99.9 %        | 70-130                  |       |                        |      |                 |                                               |                       |                       |         |
| 460-00-4                    | Surrogate: SURRE: p-Bromofluorobenzene  | 106 %         | 70-130                  |       |                        |      |                 |                                               |                       |                       |         |



## Sample Information

**Client Sample ID:** KC-FD-001 1121

**York Sample ID:** 21K0471-05

**York Project (SDG) No.**  
21K0471

**Client Project ID**  
41103.20 KINGSTON CVS

**Matrix**  
Water

**Collection Date/Time**  
November 9, 2021 3:00 pm

**Date Received**  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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 |
|----------|---------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 460-00-4 | Surrogate: SURR: p-Bromofluorobenzene | 105 %  |      |       | 70-130                 |     |          |                  |                       |                       |         |
| 460-00-4 | Surrogate: SURR: p-Bromofluorobenzene | 104 %  |      |       | 70-130                 |     |          |                  |                       |                       |         |

### Metals, Priority Pollutant-Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                                             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|--------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-36-0 | Antimony  | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:41      | EM      |
| 7440-38-2 | Arsenic   | 24.8   |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:41      | EM      |
| 7440-41-7 | Beryllium | ND     |      | ug/L  | 0.333              | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:41      | EM      |
| 7440-43-9 | Cadmium   | 3.13   |      | ug/L  | 0.556              | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:41      | EM      |
| 7440-47-3 | Chromium  | 4.85   |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:41      | EM      |
| 7440-50-8 | Copper    | 2.43   |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:41      | EM      |
| 7439-92-1 | Lead      | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:41      | EM      |
| 7440-02-0 | Nickel    | 323    |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:41      | EM      |
| 7782-49-2 | Selenium  | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:41      | EM      |
| 7440-22-4 | Silver    | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:41      | EM      |
| 7440-28-0 | Thallium  | ND     |      | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:41      | EM      |
| 7440-66-6 | Zinc      | 20.0   | B    | ug/L  | 1.11               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 07:56      | 11/15/2021 16:41      | EM      |

### Mercury by 7470/7471

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                                            | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|-------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7439-97-6 | Mercury   | ND     |      | mg/L  | 0.0002             | 1        | EPA 7470<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 11/15/2021 18:20      | 11/15/2021 18:20      | AA      |



## Sample Information

**Client Sample ID:** TRIP BLANK 1121

**York Sample ID:** 21K0471-06

**York Project (SDG) No.**  
21K0471

**Client Project ID**  
41103.20 KINGSTON CVS

**Matrix**  
Water

**Collection Date/Time**  
November 9, 2021 9:00 am

**Date Received**  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 123-91-1 | 1,4-Dioxane                                          | ND     |      | ug/L  | 40.0                   | 80.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 78-93-3  | 2-Butanone                                           | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 591-78-6 | 2-Hexanone                                           | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 108-10-1 | 4-Methyl-2-pentanone                                 | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |



## Sample Information

**Client Sample ID:** TRIP BLANK 1121

**York Sample ID:** 21K0471-06

**York Project (SDG) No.**  
21K0471

**Client Project ID**  
41103.20 KINGSTON CVS

**Matrix**  
Water

**Collection Date/Time**  
November 9, 2021 9:00 am

**Date Received**  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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 |
|------------|---------------------------|--------|------|-------|------------------------|-------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 98-82-8    | Isopropylbenzene          | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
| 79-20-9    | Methyl acetate            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |





## Sample Information

**Client Sample ID:** TRIP BLANK 1121

**York Sample ID:** 21K0471-06

**York Project (SDG) No.**  
21K0471

**Client Project ID**  
41103.20 KINGSTON CVS

**Matrix**  
Water

**Collection Date/Time**  
November 9, 2021 9:00 am

**Date Received**  
11/10/2021

### Volatile Organics, 8260 - Comprehensive

### 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  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-87-2                    | Methylcyclohexane                      | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 75-09-2                     | <b>Methylene chloride</b>              | <b>2.25</b>   |                         | ug/L  | 1.00                   | 2.00  | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 104-51-8                    | n-Butylbenzene                         | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 103-65-1                    | n-Propylbenzene                        | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 95-47-6                     | o-Xylene                               | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 179601-23-1                 | p- & m- Xylenes                        | ND            |                         | ug/L  | 0.500                  | 1.00  | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 99-87-6                     | p-Isopropyltoluene                     | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 135-98-8                    | sec-Butylbenzene                       | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 100-42-5                    | Styrene                                | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-65-0                     | tert-Butyl alcohol (TBA)               | ND            |                         | ug/L  | 0.500                  | 1.00  | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |                       |                       |         |
| 98-06-6                     | tert-Butylbenzene                      | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 127-18-4                    | Tetrachloroethylene                    | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 108-88-3                    | Toluene                                | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 156-60-5                    | trans-1,2-Dichloroethylene             | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 10061-02-6                  | trans-1,3-Dichloropropylene            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 79-01-6                     | Trichloroethylene                      | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-69-4                     | Trichlorofluoromethane                 | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 75-01-4                     | Vinyl Chloride                         | ND            |                         | ug/L  | 0.200                  | 0.500 | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |                       |                       |         |
| 1330-20-7                   | Xylenes, Total                         | ND            |                         | ug/L  | 0.600                  | 1.50  | 1               | EPA 8260C                                     | 11/18/2021 09:00      | 11/18/2021 14:45      | PD      |
|                             |                                        |               |                         |       |                        |       | Certifications: | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       |                       |                       |         |
| <b>Surrogate Recoveries</b> |                                        | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |                 |                                               |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR: 1,2-Dichloroethane-d4 | 99.9 %        | 70-130                  |       |                        |       |                 |                                               |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8            | 99.5 %        | 70-130                  |       |                        |       |                 |                                               |                       |                       |         |
| 460-00-4                    | Surrogate: SURR: p-Bromofluorobenzene  | 102 %         | 70-130                  |       |                        |       |                 |                                               |                       |                       |         |



## **CASE NARRATIVE**

**York Project/SDG No.: 21K0471**  
**Client: Chazen Environmental Services (Poughkeepsie)**  
**Client Project ID: 41103.20 KINGSTON CVS**  
**Prepared for: Eric Orlowski**

### **Introduction**

This Case Narrative applies only to the samples submitted to our laboratory on **11/10/2021 14:47** as detailed on the chain-of-custody form.

The 6 sample(s) were received intact in a custody-sealed cooler(s), unless otherwise noted.

Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable ( $\leq 6^{\circ}\text{C}$ ) and documented as:

| <b><u>Cooler</u></b>  | <b><u>Temp C°</u></b> |
|-----------------------|-----------------------|
| <b>Default Cooler</b> | <b>2.4</b>            |

Chain-of-custody was maintained from receipt through analysis in the laboratory.

### **Methodology**

All preparation and analyses were conducted according to the appropriate EPA methods detailed in the report.

### **Client Sample Information and Non-Conformances**

| <b><u>Laboratory ID</u></b> | <b><u>Sample Name</u></b> | <b><u>Matrix</u></b> |
|-----------------------------|---------------------------|----------------------|
| 21K0471-01                  | KC-MW-01 1121             | Water                |
| 21K0471-02                  | KC-MW-02 1121             | Water                |
| 21K0471-03                  | KC-MW-05 1121             | Water                |
| 21K0471-04                  | KC-MW-07 1121             | Water                |
| 21K0471-05                  | KC-FD-001 1121            | Water                |
| 21K0471-06                  | TRIP BLANK 1121           | Water                |

Any additional Client Sample Non-conformances are detailed in the proceeding Case Narrative Non-Conformance Summary tables.

No other problems were encountered during analysis.

### **QC Sample Non-Conformances**

Any QC sample Non-conformances (SCV, CCV, BS, BSD, SRM, PS, MS, MSD, DUP) are detailed in the proceeding Case Narrative Non-Conformance Summary tables.

No other problems were encountered during analysis.

### **York Project/SDG no.: 21K0471 Statement**





We certify that these data are in compliance with SOP requirements both technically and for completeness for other than the conditions stated above. Release of the data contained in the hard copy report and any electronic data deliverables has been authorized by the Laboratory Manager as verified by the signature on this laboratory report.

Approved by: Cassie Mosher  
Laboratory Manager

Date: 11/24/2021

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York Analytical Laboratories, Inc.  
**Formulae Used for Sample Calculations**

1. **Volatile Organics** (Water-ug/L or Soil-ug/Kg)

**Soils/Waters**

$$C_x = \frac{(A_x)(IS)(DF)}{(A_{is})(RRF)(V)(\% \text{ solids})}$$

**Medium Level Soils**

$$C_x = \frac{(A_x)(IS)(VT)(1000)(DF)}{(A_{is})(RRF)(VA)(V)(\% \text{ solids})}$$

2. **Semi-Volatiles** (Water-ug/L or Soil-ug/Kg)

$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, uL})(V)(\% \text{ solids})}$$

3. **Pesticides/PCB, DRO, EPH, CTETPH** (Water-ug/L or Soil-ug/Kg)

$$C_x = \frac{(A_x)(VE)(DF)}{(CF)(\text{Volume injected, uL})(V)(\% \text{ solids})}$$

4. **Inorganics** (Water or Soil-ug/mL)

$$C_x = \frac{(\text{Conc.})(VE)}{(V)(\% \text{ solids}/100)}$$

**WHERE:**

Cx = concentration of analyte as ug/L or ug/kg  
Ax = Area of the characteristic ion for the compound to be measured, counts  
Ais = Area of the characteristic ion for the specific internal standard, counts  
IS = Concentration of the internal standard spiking mixture, ng  
RRF = Mean relative response factor from the initial calibration  
DF = Dilution factor calculated as described in section 2. If no dilution is performed, DF= 1  
V = Volume for liquids in mL, weight for soils/solids in grams  
VA = volume of MeOH aliquot for medium level soils  
VE = final volume of concentrated extract or digestate  
VT = volume of MeOH for volatiles medium level soils  
CF = calibration factor for external calibration used in GC pest/pcb  
Cis = Concentration of the internal standard spiking mixture, ppbv



## Analytical Batch Summary

**Batch ID:** BK11734      **Preparation Method:** EPA 3015A      **Prepared By:** BR

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 21K0471-01     | KC-MW-01 1121    | 11/15/21         |
| BK11734-BLK1   | Blank            | 11/15/21         |
| BK11734-BS1    | LCS              | 11/15/21         |

**Batch ID:** BK11735      **Preparation Method:** EPA 3015A      **Prepared By:** BR

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 21K0471-02     | KC-MW-02 1121    | 11/15/21         |
| 21K0471-03     | KC-MW-05 1121    | 11/15/21         |
| 21K0471-05     | KC-FD-001 1121   | 11/15/21         |
| BK11735-BLK1   | Blank            | 11/15/21         |
| BK11735-BS1    | LCS              | 11/15/21         |

**Batch ID:** BK11808      **Preparation Method:** EPA SW846-7470A      **Prepared By:** AA

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 21K0471-01     | KC-MW-01 1121    | 11/15/21         |
| 21K0471-02     | KC-MW-02 1121    | 11/15/21         |
| 21K0471-03     | KC-MW-05 1121    | 11/15/21         |
| 21K0471-05     | KC-FD-001 1121   | 11/15/21         |
| BK11808-BLK1   | Blank            | 11/15/21         |
| BK11808-BS1    | LCS              | 11/15/21         |

**Batch ID:** BK11900      **Preparation Method:** EPA 5030B      **Prepared By:** PD

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 21K0471-01     | KC-MW-01 1121    | 11/17/21         |
| 21K0471-02     | KC-MW-02 1121    | 11/17/21         |
| 21K0471-03     | KC-MW-05 1121    | 11/17/21         |
| 21K0471-04     | KC-MW-07 1121    | 11/17/21         |
| BK11900-BLK1   | Blank            | 11/17/21         |
| BK11900-BS1    | LCS              | 11/17/21         |
| BK11900-BSD1   | LCS Dup          | 11/17/21         |

**Batch ID:** BK11974      **Preparation Method:** EPA 5030B      **Prepared By:** PD

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 21K0471-01RE1  | KC-MW-01 1121    | 11/18/21         |
| 21K0471-01RE2  | KC-MW-01 1121    | 11/18/21         |
| 21K0471-05     | KC-FD-001 1121   | 11/18/21         |
| 21K0471-05RE1  | KC-FD-001 1121   | 11/18/21         |
| 21K0471-05RE2  | KC-FD-001 1121   | 11/18/21         |
| 21K0471-06     | TRIP BLANK 1121  | 11/18/21         |



## Case Narrative Non-Conformance Summary

Laboratory: York Analytical Laboratories, Inc.

Project:

Laboratory Sample ID(s): -01 - -06

Review Date(s): -

Client:

Lab Project No:

Sampling Date(s): 11/09/2021 - 11/09/2021

Laboratory Reviewer(s):

## QC Sample Nonconformances

Batch ID: BK11900 Affected Samples: See Batch Summary

| QC Sample ID | Analyte - CAS No.              | Result    | Type of QC Nonconformance | %REC | %REC Limits | Bias      | RPD  | RPD Limit | Bias | Notes |
|--------------|--------------------------------|-----------|---------------------------|------|-------------|-----------|------|-----------|------|-------|
| BK11900-BS1  | Acetone - 67-64-1              | 3.83 ug/L | LCS                       | 38.3 | 40-160      | Low Bias  |      | 20        |      |       |
| BK11900-BS1  | Acrolein - 107-02-8            | 30.8 ug/L | LCS                       | 308  | 10-153      | High Bias |      | 30        |      |       |
| BK11900-BS1  | Tetrachloroethylene - 127-18-4 | 5.38 ug/L | LCS                       | 53.8 | 70-130      | Low Bias  |      | 20        |      |       |
| BK11900-BSD1 | 1,4-Dioxane - 123-91-1         | 338 ug/L  | LCS Dup                   | 161  | 40-160      | High Bias | 4.98 | 20        |      |       |
| BK11900-BSD1 | Acrolein - 107-02-8            | 34.7 ug/L | LCS Dup                   | 347  | 10-153      | High Bias | 11.8 | 30        |      |       |
| BK11900-BSD1 | Tetrachloroethylene - 127-18-4 | 5.17 ug/L | LCS Dup                   | 51.7 | 70-130      | Low Bias  | 3.98 | 20        |      |       |

Batch ID: BK11974 Affected Samples: See Batch Summary

| QC Sample ID | Analyte - CAS No.              | Result    | Type of QC Nonconformance | %REC | %REC Limits | Bias      | RPD  | RPD Limit | Bias     | Notes |
|--------------|--------------------------------|-----------|---------------------------|------|-------------|-----------|------|-----------|----------|-------|
| BK11974-BS1  | Acetone - 67-64-1              | 3.90 ug/L | LCS                       | 39.0 | 40-160      | Low Bias  |      | 20        |          |       |
| BK11974-BS1  | Acrolein - 107-02-8            | 26.6 ug/L | LCS                       | 266  | 10-153      | High Bias |      | 30        |          |       |
| BK11974-BS1  | Tetrachloroethylene - 127-18-4 | 5.51 ug/L | LCS                       | 55.1 | 70-130      | Low Bias  |      | 20        |          |       |
| BK11974-BSD1 | 1,4-Dioxane - 123-91-1         | 359 ug/L  | LCS Dup                   | 171  | 40-160      | High Bias | 39.2 | 20        | Non-dir. |       |
| BK11974-BSD1 | Acrolein - 107-02-8            | 32.8 ug/L | LCS Dup                   | 328  | 10-153      | High Bias | 21.1 | 30        |          |       |
| BK11974-BSD1 | Tetrachloroethylene - 127-18-4 | 5.32 ug/L | LCS Dup                   | 53.2 | 70-130      | Low Bias  | 3.51 | 20        |          |       |

Batch ID: Y1K1537 Affected Samples: See Batch Summary

| QC Sample ID | Analyte - CAS No.               | Result    | Type of QC Nonconformance | %REC | %REC Limits | Bias     | RPD | RPD Limit | Bias | Notes |
|--------------|---------------------------------|-----------|---------------------------|------|-------------|----------|-----|-----------|------|-------|
| Y1K1537-SCV1 | 2-Butanone - 78-93-3            | 6.84 ug/L | Secondary Cal Check       | 68.4 | 70-130      | Low Bias |     |           |      |       |
| Y1K1537-SCV1 | 4-Methyl-2-pentanone - 108-10-1 | 6.59 ug/L | Secondary Cal Check       | 65.9 | 70-130      | Low Bias |     |           |      |       |
| Y1K1537-SCV1 | Acetone - 67-64-1               | 4.69 ug/L | Secondary Cal Check       | 46.9 | 70-130      | Low Bias |     |           |      |       |
| Y1K1537-SCV1 | Acrolein - 107-02-8             | 5.77 ug/L | Secondary Cal Check       | 57.7 | 70-130      | Low Bias |     |           |      |       |
| Y1K1537-SCV1 | Tetrachloroethylene - 127-18-4  | 4.91 ug/L | Secondary Cal Check       | 49.1 | 70-130      | Low Bias |     |           |      |       |



Batch ID: Y1K1726

Affected Samples:

See Batch Summary

| QC Sample ID | Analyte - CAS No.                 | Result    | Type of QC Nonconformance | %REC | %REC Limits | Bias      | RPD | RPD Limit | Bias | Notes |
|--------------|-----------------------------------|-----------|---------------------------|------|-------------|-----------|-----|-----------|------|-------|
| Y1K1726-CCV1 | 1,4-Dioxane - 123-91-1            | 452 ug/L  | Calibration Check         | 226  | 80-120      | High Bias |     |           |      |       |
| Y1K1726-CCV1 | 1,4-Dioxane - 123-91-1            | 452 ug/L  | Calibration Check         | 226  | 80-120      | High Bias |     |           |      |       |
| Y1K1726-CCV1 | Acetone - 67-64-1                 | 6.77 ug/L | Calibration Check         | 67.7 | 80-120      | Low Bias  |     |           |      |       |
| Y1K1726-CCV1 | Acetone - 67-64-1                 | 6.77 ug/L | Calibration Check         | 67.7 | 80-120      | Low Bias  |     |           |      |       |
| Y1K1726-CCV1 | Acrolein - 107-02-8               | 16.1 ug/L | Calibration Check         | 161  | 80-120      | High Bias |     |           |      |       |
| Y1K1726-CCV1 | Acrolein - 107-02-8               | 16.1 ug/L | Calibration Check         | 161  | 80-120      | High Bias |     |           |      |       |
| Y1K1726-CCV1 | Dichlorodifluoromethane - 75-71-8 | 12.7 ug/L | Calibration Check         | 127  | 80-120      | High Bias |     |           |      |       |
| Y1K1726-CCV1 | Dichlorodifluoromethane - 75-71-8 | 12.7 ug/L | Calibration Check         | 127  | 80-120      | High Bias |     |           |      |       |
| Y1K1726-CCV1 | Tetrachloroethylene - 127-18-4    | 6.26 ug/L | Calibration Check         | 62.6 | 80-120      | Low Bias  |     |           |      |       |
| Y1K1726-CCV1 | Tetrachloroethylene - 127-18-4    | 6.26 ug/L | Calibration Check         | 62.6 | 80-120      | Low Bias  |     |           |      |       |

Batch ID: Y1K1835

Affected Samples:

See Batch Summary

| QC Sample ID | Analyte - CAS No.              | Result    | Type of QC Nonconformance | %REC | %REC Limits | Bias      | RPD | RPD Limit | Bias | Notes |
|--------------|--------------------------------|-----------|---------------------------|------|-------------|-----------|-----|-----------|------|-------|
| Y1K1835-CCV1 | 1,4-Dioxane - 123-91-1         | 492 ug/L  | Calibration Check         | 246  | 80-120      | High Bias |     |           |      |       |
| Y1K1835-CCV1 | Acetone - 67-64-1              | 6.25 ug/L | Calibration Check         | 62.5 | 80-120      | Low Bias  |     |           |      |       |
| Y1K1835-CCV1 | Acrolein - 107-02-8            | 13.7 ug/L | Calibration Check         | 137  | 80-120      | High Bias |     |           |      |       |
| Y1K1835-CCV1 | Bromomethane - 74-83-9         | 5.05 ug/L | Calibration Check         | 50.5 | 80-120      | Low Bias  |     |           |      |       |
| Y1K1835-CCV1 | Tetrachloroethylene - 127-18-4 | 5.73 ug/L | Calibration Check         | 57.3 | 80-120      | Low Bias  |     |           |      |       |

Batch ID: BK11734

Affected Samples:

See Batch Summary

| QC Sample ID | Analyte - CAS No.    | Result      | Type of QC Nonconformance | %REC | %REC Limits | Bias     | RPD | RPD Limit | Bias | Notes |
|--------------|----------------------|-------------|---------------------------|------|-------------|----------|-----|-----------|------|-------|
| BK11734-BS1  | Selenium - 7782-49-2 | 1.50 ug/mL  | LCS                       | 74.9 | 80-120      | Low Bias |     |           |      |       |
| BK11734-BS1  | Silver - 7440-22-4   | 0.026 ug/mL | LCS                       | 52.0 | 80-120      | Low Bias |     |           |      |       |

Batch ID: Y1K1611

Affected Samples:

See Batch Summary

| QC Sample ID | Analyte - CAS No.     | Result      | Type of QC Nonconformance | %REC | %REC Limits | Bias     | RPD | RPD Limit | Bias | Notes |
|--------------|-----------------------|-------------|---------------------------|------|-------------|----------|-----|-----------|------|-------|
| Y1K1611-CCVA | Antimony - 7440-36-0  | 0.224 ug/mL | Calibration Check         | 89.8 | 90-110      | Low Bias |     |           |      |       |
| Y1K1611-CCVB | Antimony - 7440-36-0  | 0.217 ug/mL | Calibration Check         | 86.8 | 90-110      | Low Bias |     |           |      |       |
| Y1K1611-CCVB | Beryllium - 7440-41-7 | 0.223 ug/mL | Calibration Check         | 89.3 | 90-110      | Low Bias |     |           |      |       |
| Y1K1611-CCVB | Zinc - 7440-66-6      | 2.23 ug/mL  | Calibration Check         | 89.3 | 90-110      | Low Bias |     |           |      |       |
| Y1K1611-CCVC | Antimony - 7440-36-0  | 0.214 ug/mL | Calibration Check         | 85.7 | 90-110      | Low Bias |     |           |      |       |
| Y1K1611-CCVC | Zinc - 7440-66-6      | 2.25 ug/mL  | Calibration Check         | 89.9 | 90-110      | Low Bias |     |           |      |       |



Batch ID: BK11735

Affected Samples:

See Batch Summary

| QC Sample ID | Analyte - CAS No.    | Result    | Type of QC Nonconformance | %REC | %REC Limits | Bias      | RPD | RPD Limit | Bias | Notes |
|--------------|----------------------|-----------|---------------------------|------|-------------|-----------|-----|-----------|------|-------|
| BK11735-BLK1 | Zinc - 7440-66-6     | 2.59 ug/L | Blank                     |      | -           |           |     |           |      |       |
| BK11735-BS1  | Antimony - 7440-36-0 | 70.0 ug/L | LCS                       | 140  | 80-120      | High Bias |     |           |      |       |
| BK11735-BS1  | Cadmium - 7440-43-9  | 81.4 ug/L | LCS                       | 163  | 80-120      | High Bias |     |           |      |       |
| BK11735-BS1  | Silver - 7440-22-4   | 406 ug/L  | LCS                       | 812  | 80-120      | High Bias |     |           |      |       |

Batch ID: Y1K1604

Affected Samples:

See Batch Summary

| QC Sample ID | Analyte - CAS No.     | Result    | Type of QC Nonconformance | %REC | %REC Limits | Bias      | RPD | RPD Limit | Bias | Notes |
|--------------|-----------------------|-----------|---------------------------|------|-------------|-----------|-----|-----------|------|-------|
| Y1K1604-CCV1 | Silver - 7440-22-4    | 57.6 ug/L | Calibration Check         | 115  | 90-110      | High Bias |     |           |      |       |
| Y1K1604-CCV2 | Cadmium - 7440-43-9   | 55.3 ug/L | Calibration Check         | 111  | 90-110      | High Bias |     |           |      |       |
| Y1K1604-CCV2 | Silver - 7440-22-4    | 60.2 ug/L | Calibration Check         | 120  | 90-110      | High Bias |     |           |      |       |
| Y1K1604-CCV5 | Antimony - 7440-36-0  | 63.5 ug/L | Calibration Check         | 127  | 90-110      | High Bias |     |           |      |       |
| Y1K1604-CCV5 | Beryllium - 7440-41-7 | 44.0 ug/L | Calibration Check         | 88.0 | 90-110      | Low Bias  |     |           |      |       |
| Y1K1604-CCV5 | Cadmium - 7440-43-9   | 73.9 ug/L | Calibration Check         | 148  | 90-110      | High Bias |     |           |      |       |
| Y1K1604-CCV5 | Silver - 7440-22-4    | 397 ug/L  | Calibration Check         | 794  | 90-110      | High Bias |     |           |      |       |
| Y1K1604-CCV6 | Antimony - 7440-36-0  | 65.1 ug/L | Calibration Check         | 130  | 90-110      | High Bias |     |           |      |       |
| Y1K1604-CCV6 | Beryllium - 7440-41-7 | 40.7 ug/L | Calibration Check         | 81.4 | 90-110      | Low Bias  |     |           |      |       |
| Y1K1604-CCV6 | Cadmium - 7440-43-9   | 76.5 ug/L | Calibration Check         | 153  | 90-110      | High Bias |     |           |      |       |
| Y1K1604-CCV6 | Silver - 7440-22-4    | 378 ug/L  | Calibration Check         | 757  | 90-110      | High Bias |     |           |      |       |
| Y1K1604-CCV7 | Antimony - 7440-36-0  | 65.0 ug/L | Calibration Check         | 130  | 90-110      | High Bias |     |           |      |       |
| Y1K1604-CCV7 | Beryllium - 7440-41-7 | 42.6 ug/L | Calibration Check         | 85.3 | 90-110      | Low Bias  |     |           |      |       |
| Y1K1604-CCV7 | Cadmium - 7440-43-9   | 77.8 ug/L | Calibration Check         | 156  | 90-110      | High Bias |     |           |      |       |
| Y1K1604-CCV7 | Silver - 7440-22-4    | 382 ug/L  | Calibration Check         | 765  | 90-110      | High Bias |     |           |      |       |
| Y1K1604-CRL1 | Silver - 7440-22-4    | 7.07 ug/L | Instrument RL Check       | 707  | 75-125      | High Bias |     |           |      |       |
| Y1K1604-ICV1 | Silver - 7440-22-4    | 359 ug/L  | Initial Cal Check         | 719  | 90-110      | High Bias |     |           |      |       |
| Y1K1604-IFB1 | Silver - 7440-22-4    | 32.7 ug/L | Interference Check B      | 163  | 80-120      | High Bias |     |           |      |       |



**Batch ID:** BK11734

**General Method:** Metals by ICP

| YORK Sample ID | Client Sample ID |
|----------------|------------------|
|----------------|------------------|

|              |               |
|--------------|---------------|
| 21K0471-01   | KC-MW-01 1121 |
| BK11734-BLK1 | Blank         |
| BK11734-BS1  | LCS           |

**Batch ID:** BK11735

**General Method:** Metals by ICP/MS

| YORK Sample ID | Client Sample ID |
|----------------|------------------|
|----------------|------------------|

|              |                |
|--------------|----------------|
| 21K0471-02   | KC-MW-02 1121  |
| 21K0471-03   | KC-MW-05 1121  |
| 21K0471-05   | KC-FD-001 1121 |
| BK11735-BLK1 | Blank          |
| BK11735-BS1  | LCS            |

**Batch ID:** BK11900

**General Method:** Volatile Organic Compounds by GC/MS

| YORK Sample ID | Client Sample ID |
|----------------|------------------|
|----------------|------------------|

|              |               |
|--------------|---------------|
| 21K0471-01   | KC-MW-01 1121 |
| 21K0471-02   | KC-MW-02 1121 |
| 21K0471-03   | KC-MW-05 1121 |
| 21K0471-04   | KC-MW-07 1121 |
| BK11900-BLK1 | Blank         |
| BK11900-BS1  | LCS           |
| BK11900-BSD1 | LCS Dup       |

**Batch ID:** BK11974

**General Method:** Volatile Organic Compounds by GC/MS

| YORK Sample ID | Client Sample ID |
|----------------|------------------|
|----------------|------------------|

|               |                 |
|---------------|-----------------|
| 21K0471-01RE1 | KC-MW-01 1121   |
| 21K0471-01RE2 | KC-MW-01 1121   |
| 21K0471-05    | KC-FD-001 1121  |
| 21K0471-05RE1 | KC-FD-001 1121  |
| 21K0471-05RE2 | KC-FD-001 1121  |
| 21K0471-06    | TRIP BLANK 1121 |
| BK11974-BLK1  | Blank           |
| BK11974-BS1   | LCS             |
| BK11974-BSD1  | LCS Dup         |

## No Sample Nonconformances Found

**Notes:** Other nonconformances, if any, are detailed in the Data Quality Assessment worksheets.

For multiple surrogate analyses such as semi-volatiles, volatiles, etc, single surrogate excursions do not necessarily indicate a bias in the sample. Samples with multiple surrogate excursions may exhibit a bias in the results.

**Definitions:** LCS - Laboratory Control Sample  
LCS dup - Laboratory Control Sample Duplicate  
MS - Matrix Spike  
MSD - Matrix Spike Duplicate  
BS - Blank Spike also called LCS  
BSD - Blank Spike Duplicate also called LCS dup  
SRM - Standard Reference Material  
DUP - Duplicate



## QC DATA QUALIFIERS

| LabID       | Analysis                   | Analyte  | Qualifier | Definition                                                                                          |
|-------------|----------------------------|----------|-----------|-----------------------------------------------------------------------------------------------------|
| BK11734-BS1 | Metals, Priority Pollutant | Silver   | M-BS      | The recovery for this element in the batch blank spike recovered slightly outside of control limits |
| BK11734-BS1 | Metals, Priority Pollutant | Selenium | M-BS      | The recovery for this element in the batch blank spike recovered slightly outside of control limits |

| LabID        | Analysis                             | Analyte  | Qualifier | Definition                                                                                                                                                          |
|--------------|--------------------------------------|----------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BK11735-BLK1 | Metals, Priority Pollutant-Low Level | Zinc     | M-BLK     | The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported. |
| BK11735-BS1  | Metals, Priority Pollutant-Low Level | Antimony | M-BS      | The recovery for this element in the batch blank spike recovered slightly outside of control limits                                                                 |
| BK11735-BS1  | Metals, Priority Pollutant-Low Level | Zinc     | B         | Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.                                 |
| BK11735-BS1  | Metals, Priority Pollutant-Low Level | Cadmium  | M-BS      | The recovery for this element in the batch blank spike recovered slightly outside of control limits                                                                 |
| BK11735-BS1  | Metals, Priority Pollutant-Low Level | Silver   | M-BS      | The recovery for this element in the batch blank spike recovered slightly outside of control limits                                                                 |
| Y1K1604-CRL1 | Metals, Priority Pollutant-Low Level | Silver   | M-CRL     | The RL check for this element recovered outside of control limits.                                                                                                  |
| Y1K1604-ICV1 | Metals, Priority Pollutant-Low Level | Silver   | M-ICV2    | The recovery for this element in the ICV was outside the 90-110% recovery criteria.                                                                                 |

| LabID       | Analysis                                | Analyte             | Qualifier | Definition                                                                                                                                                                                         |
|-------------|-----------------------------------------|---------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BK11900-BS1 | Volatile Organics, 8260 - Comprehensive | Acetone             | QL-02     | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| BK11974-BS1 | Volatile Organics, 8260 - Comprehensive | Tetrachloroethylene | QL-02     | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |



| LabID        | Analysis                                | Analyte             | Qualifier | Definition                                                                                                                                                                                         |
|--------------|-----------------------------------------|---------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BK11974-BS1  | Volatile Organics, 8260 - Comprehensive | Acrolein            | QL-02     | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| BK11974-BS1  | Volatile Organics, 8260 - Comprehensive | Acetone             | QL-02     | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| BK11900-BSD1 | Volatile Organics, 8260 - Comprehensive | Tetrachloroethylene | QL-02     | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| BK11900-BSD1 | Volatile Organics, 8260 - Comprehensive | Acrolein            | QL-02     | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| BK11900-BS1  | Volatile Organics, 8260 - Comprehensive | Tetrachloroethylene | QL-02     | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| BK11974-BSD1 | Volatile Organics, 8260 - Comprehensive | Tetrachloroethylene | QL-02     | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| BK11900-BS1  | Volatile Organics, 8260 - Comprehensive | Acrolein            | QL-02     | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| BK11900-BSD1 | Volatile Organics, 8260 - Comprehensive | 1,4-Dioxane         | QL-02     | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |





| LabID        | Analysis                                | Analyte                 | Qualifier   | Definition                                                                                                                                                                                         |
|--------------|-----------------------------------------|-------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Y1K1726-CCV1 | Volatile Organics, 8260 - Comprehensive | 1,4-Dioxane             | CCV-E       | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).           |
| Y1K1726-CCV1 | Volatile Organics, 8260 - Comprehensive | Tetrachloroethylene     | CCV-E       | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).           |
| Y1K1726-CCV1 | Volatile Organics, 8260 - Comprehensive | Dichlorodifluoromethane | CCV-E       | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).           |
| BK11974-BSD1 | Volatile Organics, 8260 - Comprehensive | 1,4-Dioxane             | QL-02, QR-( |                                                                                                                                                                                                    |
| Y1K1726-CCV1 | Volatile Organics, 8260 - Comprehensive | Acetone                 | CCV-E       | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).           |
| BK11974-BSD1 | Volatile Organics, 8260 - Comprehensive | Acrolein                | QL-02       | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| Y1K1835-CCV1 | Volatile Organics, 8260 - Comprehensive | Tetrachloroethylene     | CCV-E       | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).           |
| Y1K1835-CCV1 | Volatile Organics, 8260 - Comprehensive | Bromomethane            | CCV-E       | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).           |
| Y1K1835-CCV1 | Volatile Organics, 8260 - Comprehensive | Acrolein                | CCV-E       | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).           |



| LabID        | Analysis                                | Analyte     | Qualifier | Definition                                                                                                                                                                               |
|--------------|-----------------------------------------|-------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Y1K1835-CCV1 | Volatile Organics, 8260 - Comprehensive | Acetone     | CCV-E     | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit). |
| Y1K1835-CCV1 | Volatile Organics, 8260 - Comprehensive | 1,4-Dioxane | CCV-E     | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit). |
| Y1K1726-CCV1 | Volatile Organics, 8260 - Comprehensive | Acrolein    | CCV-E     | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit). |

| LabID        | Analysis                                | Analyte                 | Qualifier | Definition                                                                                                                                                                               |
|--------------|-----------------------------------------|-------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Y1K1726-CCV1 | Volatile Organics, 8260 - Comprehensive | Tetrachloroethylene     | CCV-E     | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit). |
| Y1K1726-CCV1 | Volatile Organics, 8260 - Comprehensive | Acrolein                | CCV-E     | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit). |
| Y1K1726-CCV1 | Volatile Organics, 8260 - Comprehensive | 1,4-Dioxane             | CCV-E     | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit). |
| Y1K1726-CCV1 | Volatile Organics, 8260 - Comprehensive | Acetone                 | CCV-E     | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit). |
| Y1K1726-CCV1 | Volatile Organics, 8260 - Comprehensive | Dichlorodifluoromethane | CCV-E     | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit). |



|              |         |          |
|--------------|---------|----------|
| BK11974-BLK1 | Blank   | 11/18/21 |
| BK11974-BS1  | LCS     | 11/18/21 |
| BK11974-BSD1 | LCS Dup | 11/18/21 |



## 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 BK11900 - EPA 5030B

#### Blank (BK11900-BLK1)

Prepared & Analyzed: 11/17/2021

|                                                   |    |       |      |
|---------------------------------------------------|----|-------|------|
| 1,1,1,2-Tetrachloroethane                         | ND | 0.500 | ug/L |
| 1,1,1-Trichloroethane                             | ND | 0.500 | "    |
| 1,1,2,2-Tetrachloroethane                         | ND | 0.500 | "    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.500 | "    |
| 1,1,2-Trichloroethane                             | ND | 0.500 | "    |
| 1,1-Dichloroethane                                | ND | 0.500 | "    |
| 1,1-Dichloroethylene                              | ND | 0.500 | "    |
| 1,2,3-Trichlorobenzene                            | ND | 0.500 | "    |
| 1,2,3-Trichloropropane                            | ND | 0.500 | "    |
| 1,2,4-Trichlorobenzene                            | ND | 0.500 | "    |
| 1,2,4-Trimethylbenzene                            | ND | 0.500 | "    |
| 1,2-Dibromo-3-chloropropane                       | ND | 0.500 | "    |
| 1,2-Dibromoethane                                 | ND | 0.500 | "    |
| 1,2-Dichlorobenzene                               | ND | 0.500 | "    |
| 1,2-Dichloroethane                                | ND | 0.500 | "    |
| 1,2-Dichloropropane                               | ND | 0.500 | "    |
| 1,3,5-Trimethylbenzene                            | ND | 0.500 | "    |
| 1,3-Dichlorobenzene                               | ND | 0.500 | "    |
| 1,4-Dichlorobenzene                               | ND | 0.500 | "    |
| 1,4-Dioxane                                       | ND | 80.0  | "    |
| 2-Butanone                                        | ND | 0.500 | "    |
| 2-Hexanone                                        | ND | 0.500 | "    |
| 4-Methyl-2-pentanone                              | ND | 0.500 | "    |
| Acetone                                           | ND | 2.00  | "    |
| Acrolein                                          | ND | 0.500 | "    |
| Acrylonitrile                                     | ND | 0.500 | "    |
| Benzene                                           | ND | 0.500 | "    |
| Bromochloromethane                                | ND | 0.500 | "    |
| Bromodichloromethane                              | ND | 0.500 | "    |
| Bromoform                                         | ND | 0.500 | "    |
| Bromomethane                                      | ND | 0.500 | "    |
| Carbon disulfide                                  | ND | 0.500 | "    |
| Carbon tetrachloride                              | ND | 0.500 | "    |
| Chlorobenzene                                     | ND | 0.500 | "    |
| Chloroethane                                      | ND | 0.500 | "    |
| Chloroform                                        | ND | 0.500 | "    |
| Chloromethane                                     | ND | 0.500 | "    |
| cis-1,2-Dichloroethylene                          | ND | 0.500 | "    |
| cis-1,3-Dichloropropylene                         | ND | 0.500 | "    |
| Cyclohexane                                       | ND | 0.500 | "    |
| Dibromochloromethane                              | ND | 0.500 | "    |
| Dibromomethane                                    | ND | 0.500 | "    |
| Dichlorodifluoromethane                           | ND | 0.500 | "    |
| Ethyl Benzene                                     | ND | 0.500 | "    |
| Hexachlorobutadiene                               | ND | 0.500 | "    |
| Isopropylbenzene                                  | ND | 0.500 | "    |
| Methyl acetate                                    | ND | 0.500 | "    |
| Methyl tert-butyl ether (MTBE)                    | ND | 0.500 | "    |
| Methylcyclohexane                                 | ND | 0.500 | "    |
| Methylene chloride                                | ND | 2.00  | "    |



## 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 BK11900 - EPA 5030B

##### Blank (BK11900-BLK1)

Prepared & Analyzed: 11/17/2021

|                                        |      |       |      |      |  |     |        |  |  |  |  |
|----------------------------------------|------|-------|------|------|--|-----|--------|--|--|--|--|
| n-Butylbenzene                         | ND   | 0.500 | ug/L |      |  |     |        |  |  |  |  |
| n-Propylbenzene                        | ND   | 0.500 | "    |      |  |     |        |  |  |  |  |
| o-Xylene                               | ND   | 0.500 | "    |      |  |     |        |  |  |  |  |
| p- & m- Xylenes                        | ND   | 1.00  | "    |      |  |     |        |  |  |  |  |
| p-Isopropyltoluene                     | ND   | 0.500 | "    |      |  |     |        |  |  |  |  |
| sec-Butylbenzene                       | ND   | 0.500 | "    |      |  |     |        |  |  |  |  |
| Styrene                                | ND   | 0.500 | "    |      |  |     |        |  |  |  |  |
| tert-Butyl alcohol (TBA)               | ND   | 1.00  | "    |      |  |     |        |  |  |  |  |
| tert-Butylbenzene                      | ND   | 0.500 | "    |      |  |     |        |  |  |  |  |
| Tetrachloroethylene                    | ND   | 0.500 | "    |      |  |     |        |  |  |  |  |
| Toluene                                | ND   | 0.500 | "    |      |  |     |        |  |  |  |  |
| trans-1,2-Dichloroethylene             | ND   | 0.500 | "    |      |  |     |        |  |  |  |  |
| trans-1,3-Dichloropropylene            | ND   | 0.500 | "    |      |  |     |        |  |  |  |  |
| Trichloroethylene                      | ND   | 0.500 | "    |      |  |     |        |  |  |  |  |
| Trichlorofluoromethane                 | ND   | 0.500 | "    |      |  |     |        |  |  |  |  |
| Vinyl Chloride                         | ND   | 0.500 | "    |      |  |     |        |  |  |  |  |
| Xylenes, Total                         | ND   | 1.50  | "    |      |  |     |        |  |  |  |  |
| <hr/>                                  |      |       |      |      |  |     |        |  |  |  |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.8 |       | "    | 10.0 |  | 108 | 70-130 |  |  |  |  |
| Surrogate: SURR: Toluene-d8            | 10.1 |       | "    | 10.0 |  | 101 | 70-130 |  |  |  |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.3 |       | "    | 10.0 |  | 103 | 70-130 |  |  |  |  |

##### LCS (BK11900-BS1)

Prepared & Analyzed: 11/17/2021

|                                                   |      |  |      |      |  |      |        |           |  |    |  |
|---------------------------------------------------|------|--|------|------|--|------|--------|-----------|--|----|--|
| 1,1,1,2-Tetrachloroethane                         | 9.15 |  | ug/L | 10.0 |  | 91.5 | 82-126 |           |  | 30 |  |
| 1,1,1-Trichloroethane                             | 9.48 |  | "    | 10.0 |  | 94.8 | 70-130 |           |  | 20 |  |
| 1,1,2,2-Tetrachloroethane                         | 9.74 |  | "    | 10.0 |  | 97.4 | 70-130 |           |  | 20 |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.5 |  | "    | 10.0 |  | 105  | 70-130 |           |  | 20 |  |
| 1,1,2-Trichloroethane                             | 8.84 |  | "    | 10.0 |  | 88.4 | 70-130 |           |  | 20 |  |
| 1,1-Dichloroethane                                | 9.51 |  | "    | 10.0 |  | 95.1 | 70-130 |           |  | 20 |  |
| 1,1-Dichloroethylene                              | 9.86 |  | "    | 10.0 |  | 98.6 | 70-130 |           |  | 20 |  |
| 1,2,3-Trichlorobenzene                            | 8.62 |  | "    | 10.0 |  | 86.2 | 70-130 |           |  | 20 |  |
| 1,2,3-Trichloropropane                            | 9.46 |  | "    | 10.0 |  | 94.6 | 77-128 |           |  | 30 |  |
| 1,2,4-Trichlorobenzene                            | 8.75 |  | "    | 10.0 |  | 87.5 | 70-130 |           |  | 20 |  |
| 1,2,4-Trimethylbenzene                            | 9.38 |  | "    | 10.0 |  | 93.8 | 82-132 |           |  | 20 |  |
| 1,2-Dibromo-3-chloropropane                       | 9.22 |  | "    | 10.0 |  | 92.2 | 40-160 |           |  | 20 |  |
| 1,2-Dibromoethane                                 | 9.09 |  | "    | 10.0 |  | 90.9 | 70-130 |           |  | 20 |  |
| 1,2-Dichlorobenzene                               | 9.30 |  | "    | 10.0 |  | 93.0 | 70-130 |           |  | 20 |  |
| 1,2-Dichloroethane                                | 9.54 |  | "    | 10.0 |  | 95.4 | 70-130 |           |  | 20 |  |
| 1,2-Dichloropropane                               | 9.68 |  | "    | 10.0 |  | 96.8 | 70-130 |           |  | 20 |  |
| 1,3,5-Trimethylbenzene                            | 9.35 |  | "    | 10.0 |  | 93.5 | 80-131 |           |  | 30 |  |
| 1,3-Dichlorobenzene                               | 9.26 |  | "    | 10.0 |  | 92.6 | 70-130 |           |  | 20 |  |
| 1,4-Dichlorobenzene                               | 9.29 |  | "    | 10.0 |  | 92.9 | 70-130 |           |  | 20 |  |
| 1,4-Dioxane                                       | 322  |  | "    | 210  |  | 153  | 40-160 |           |  | 20 |  |
| 2-Butanone                                        | 7.85 |  | "    | 10.0 |  | 78.5 | 40-160 |           |  | 20 |  |
| 2-Hexanone                                        | 7.13 |  | "    | 10.0 |  | 71.3 | 40-160 |           |  | 20 |  |
| 4-Methyl-2-pentanone                              | 7.24 |  | "    | 10.0 |  | 72.4 | 40-160 |           |  | 20 |  |
| Acetone                                           | 3.83 |  | "    | 10.0 |  | 38.3 | 40-160 | Low Bias  |  | 20 |  |
| Acrolein                                          | 30.8 |  | "    | 10.0 |  | 308  | 10-153 | High Bias |  | 30 |  |
| Acrylonitrile                                     | 10.1 |  | "    | 10.0 |  | 101  | 51-150 |           |  | 30 |  |
| Benzene                                           | 9.61 |  | "    | 10.0 |  | 96.1 | 70-130 |           |  | 20 |  |
| Bromochloromethane                                | 10.0 |  | "    | 10.0 |  | 100  | 70-130 |           |  | 20 |  |
| Bromodichloromethane                              | 9.44 |  | "    | 10.0 |  | 94.4 | 70-130 |           |  | 20 |  |



## 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 BK11900 - EPA 5030B</b>       |        |                    |       |                |                   |                                 |                |          |     |              |      |
| <b>LCS (BK11900-BS1)</b>               |        |                    |       |                |                   | Prepared & Analyzed: 11/17/2021 |                |          |     |              |      |
| Bromoform                              | 9.13   |                    | ug/L  | 10.0           |                   | 91.3                            | 70-130         |          |     | 20           |      |
| Bromomethane                           | 11.0   |                    | "     | 10.0           |                   | 110                             | 40-160         |          |     | 20           |      |
| Carbon disulfide                       | 11.0   |                    | "     | 10.0           |                   | 110                             | 40-160         |          |     | 20           |      |
| Carbon tetrachloride                   | 9.76   |                    | "     | 10.0           |                   | 97.6                            | 70-130         |          |     | 20           |      |
| Chlorobenzene                          | 9.70   |                    | "     | 10.0           |                   | 97.0                            | 70-130         |          |     | 20           |      |
| Chloroethane                           | 10.4   |                    | "     | 10.0           |                   | 104                             | 40-160         |          |     | 20           |      |
| Chloroform                             | 9.46   |                    | "     | 10.0           |                   | 94.6                            | 70-130         |          |     | 20           |      |
| Chloromethane                          | 11.7   |                    | "     | 10.0           |                   | 117                             | 40-160         |          |     | 20           |      |
| cis-1,2-Dichloroethylene               | 9.69   |                    | "     | 10.0           |                   | 96.9                            | 70-130         |          |     | 20           |      |
| cis-1,3-Dichloropropylene              | 9.33   |                    | "     | 10.0           |                   | 93.3                            | 70-130         |          |     | 20           |      |
| Cyclohexane                            | 9.23   |                    | "     | 10.0           |                   | 92.3                            | 70-130         |          |     | 20           |      |
| Dibromochloromethane                   | 8.91   |                    | "     | 10.0           |                   | 89.1                            | 70-130         |          |     | 20           |      |
| Dibromomethane                         | 9.24   |                    | "     | 10.0           |                   | 92.4                            | 72-134         |          |     | 30           |      |
| Dichlorodifluoromethane                | 13.4   |                    | "     | 10.0           |                   | 134                             | 40-160         |          |     | 20           |      |
| Ethyl Benzene                          | 9.46   |                    | "     | 10.0           |                   | 94.6                            | 70-130         |          |     | 20           |      |
| Hexachlorobutadiene                    | 9.60   |                    | "     | 10.0           |                   | 96.0                            | 67-146         |          |     | 30           |      |
| Isopropylbenzene                       | 9.63   |                    | "     | 10.0           |                   | 96.3                            | 70-130         |          |     | 20           |      |
| Methyl acetate                         | 8.89   |                    | "     | 10.0           |                   | 88.9                            | 70-130         |          |     | 20           |      |
| Methyl tert-butyl ether (MTBE)         | 8.51   |                    | "     | 10.0           |                   | 85.1                            | 70-130         |          |     | 20           |      |
| Methylcyclohexane                      | 9.01   |                    | "     | 10.0           |                   | 90.1                            | 70-130         |          |     | 20           |      |
| Methylene chloride                     | 9.61   |                    | "     | 10.0           |                   | 96.1                            | 70-130         |          |     | 20           |      |
| n-Butylbenzene                         | 9.34   |                    | "     | 10.0           |                   | 93.4                            | 79-132         |          |     | 30           |      |
| n-Propylbenzene                        | 9.52   |                    | "     | 10.0           |                   | 95.2                            | 78-133         |          |     | 30           |      |
| o-Xylene                               | 9.49   |                    | "     | 10.0           |                   | 94.9                            | 70-130         |          |     | 20           |      |
| p- & m- Xylenes                        | 19.2   |                    | "     | 20.0           |                   | 96.2                            | 70-130         |          |     | 20           |      |
| p-Isopropyltoluene                     | 9.43   |                    | "     | 10.0           |                   | 94.3                            | 81-136         |          |     | 30           |      |
| sec-Butylbenzene                       | 9.41   |                    | "     | 10.0           |                   | 94.1                            | 79-137         |          |     | 30           |      |
| Styrene                                | 9.32   |                    | "     | 10.0           |                   | 93.2                            | 70-130         |          |     | 20           |      |
| tert-Butyl alcohol (TBA)               | 42.9   |                    | "     | 50.0           |                   | 85.8                            | 25-162         |          |     | 30           |      |
| tert-Butylbenzene                      | 9.37   |                    | "     | 10.0           |                   | 93.7                            | 77-138         |          |     | 30           |      |
| Tetrachloroethylene                    | 5.38   |                    | "     | 10.0           |                   | 53.8                            | 70-130         | Low Bias |     | 20           |      |
| Toluene                                | 9.34   |                    | "     | 10.0           |                   | 93.4                            | 70-130         |          |     | 20           |      |
| trans-1,2-Dichloroethylene             | 9.65   |                    | "     | 10.0           |                   | 96.5                            | 70-130         |          |     | 20           |      |
| trans-1,3-Dichloropropylene            | 9.27   |                    | "     | 10.0           |                   | 92.7                            | 70-130         |          |     | 20           |      |
| Trichloroethylene                      | 9.11   |                    | "     | 10.0           |                   | 91.1                            | 70-130         |          |     | 20           |      |
| Trichlorofluoromethane                 | 9.63   |                    | "     | 10.0           |                   | 96.3                            | 40-160         |          |     | 20           |      |
| Vinyl Chloride                         | 10.7   |                    | "     | 10.0           |                   | 107                             | 70-130         |          |     | 20           |      |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.2   |                    | "     | 10.0           |                   | 102                             | 70-130         |          |     |              |      |
| Surrogate: SURR: Toluene-d8            | 10.1   |                    | "     | 10.0           |                   | 101                             | 70-130         |          |     |              |      |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.1   |                    | "     | 10.0           |                   | 101                             | 70-130         |          |     |              |      |



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

### York Analytical Laboratories, Inc.

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag      | RPD    | RPD Limit | Flag |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|-----------|--------|-----------|------|
| <b>Batch BK11900 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |           |        |           |      |
| <b>LCS Dup (BK11900-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 11/17/2021 |             |           |        |           |      |
| 1,1,1,2-Tetrachloroethane                         | 9.24   |                 | ug/L  | 10.0        |                | 92.4                            | 82-126      |           | 0.979  | 30        |      |
| 1,1,1-Trichloroethane                             | 9.32   |                 | "     | 10.0        |                | 93.2                            | 70-130      |           | 1.70   | 20        |      |
| 1,1,2,2-Tetrachloroethane                         | 9.80   |                 | "     | 10.0        |                | 98.0                            | 70-130      |           | 0.614  | 20        |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |           | 4.07   | 20        |      |
| 1,1,2-Trichloroethane                             | 9.24   |                 | "     | 10.0        |                | 92.4                            | 70-130      |           | 4.42   | 20        |      |
| 1,1-Dichloroethane                                | 9.37   |                 | "     | 10.0        |                | 93.7                            | 70-130      |           | 1.48   | 20        |      |
| 1,1-Dichloroethylene                              | 9.59   |                 | "     | 10.0        |                | 95.9                            | 70-130      |           | 2.78   | 20        |      |
| 1,2,3-Trichlorobenzene                            | 9.05   |                 | "     | 10.0        |                | 90.5                            | 70-130      |           | 4.87   | 20        |      |
| 1,2,3-Trichloropropane                            | 9.52   |                 | "     | 10.0        |                | 95.2                            | 77-128      |           | 0.632  | 30        |      |
| 1,2,4-Trichlorobenzene                            | 8.82   |                 | "     | 10.0        |                | 88.2                            | 70-130      |           | 0.797  | 20        |      |
| 1,2,4-Trimethylbenzene                            | 8.96   |                 | "     | 10.0        |                | 89.6                            | 82-132      |           | 4.58   | 20        |      |
| 1,2-Dibromo-3-chloropropane                       | 9.33   |                 | "     | 10.0        |                | 93.3                            | 40-160      |           | 1.19   | 20        |      |
| 1,2-Dibromoethane                                 | 9.65   |                 | "     | 10.0        |                | 96.5                            | 70-130      |           | 5.98   | 20        |      |
| 1,2-Dichlorobenzene                               | 9.01   |                 | "     | 10.0        |                | 90.1                            | 70-130      |           | 3.17   | 20        |      |
| 1,2-Dichloroethane                                | 9.77   |                 | "     | 10.0        |                | 97.7                            | 70-130      |           | 2.38   | 20        |      |
| 1,2-Dichloropropane                               | 9.64   |                 | "     | 10.0        |                | 96.4                            | 70-130      |           | 0.414  | 20        |      |
| 1,3,5-Trimethylbenzene                            | 8.84   |                 | "     | 10.0        |                | 88.4                            | 80-131      |           | 5.61   | 30        |      |
| 1,3-Dichlorobenzene                               | 8.96   |                 | "     | 10.0        |                | 89.6                            | 70-130      |           | 3.29   | 20        |      |
| 1,4-Dichlorobenzene                               | 8.93   |                 | "     | 10.0        |                | 89.3                            | 70-130      |           | 3.95   | 20        |      |
| 1,4-Dioxane                                       | 338    |                 | "     | 210         |                | 161                             | 40-160      | High Bias | 4.98   | 20        |      |
| 2-Butanone                                        | 9.48   |                 | "     | 10.0        |                | 94.8                            | 40-160      |           | 18.8   | 20        |      |
| 2-Hexanone                                        | 7.75   |                 | "     | 10.0        |                | 77.5                            | 40-160      |           | 8.33   | 20        |      |
| 4-Methyl-2-pentanone                              | 7.62   |                 | "     | 10.0        |                | 76.2                            | 40-160      |           | 5.11   | 20        |      |
| Acetone                                           | 4.18   |                 | "     | 10.0        |                | 41.8                            | 40-160      |           | 8.74   | 20        |      |
| Acrolein                                          | 34.7   |                 | "     | 10.0        |                | 347                             | 10-153      | High Bias | 11.8   | 30        |      |
| Acrylonitrile                                     | 10.1   |                 | "     | 10.0        |                | 101                             | 51-150      |           | 0.0989 | 30        |      |
| Benzene                                           | 9.52   |                 | "     | 10.0        |                | 95.2                            | 70-130      |           | 0.941  | 20        |      |
| Bromochloromethane                                | 10.4   |                 | "     | 10.0        |                | 104                             | 70-130      |           | 3.33   | 20        |      |
| Bromodichloromethane                              | 9.30   |                 | "     | 10.0        |                | 93.0                            | 70-130      |           | 1.49   | 20        |      |
| Bromoform                                         | 9.98   |                 | "     | 10.0        |                | 99.8                            | 70-130      |           | 8.90   | 20        |      |
| Bromomethane                                      | 10.5   |                 | "     | 10.0        |                | 105                             | 40-160      |           | 5.20   | 20        |      |
| Carbon disulfide                                  | 10.6   |                 | "     | 10.0        |                | 106                             | 40-160      |           | 2.96   | 20        |      |
| Carbon tetrachloride                              | 9.37   |                 | "     | 10.0        |                | 93.7                            | 70-130      |           | 4.08   | 20        |      |
| Chlorobenzene                                     | 9.81   |                 | "     | 10.0        |                | 98.1                            | 70-130      |           | 1.13   | 20        |      |
| Chloroethane                                      | 10.3   |                 | "     | 10.0        |                | 103                             | 40-160      |           | 0.969  | 20        |      |
| Chloroform                                        | 9.59   |                 | "     | 10.0        |                | 95.9                            | 70-130      |           | 1.36   | 20        |      |
| Chloromethane                                     | 11.1   |                 | "     | 10.0        |                | 111                             | 40-160      |           | 4.65   | 20        |      |
| cis-1,2-Dichloroethylene                          | 9.39   |                 | "     | 10.0        |                | 93.9                            | 70-130      |           | 3.14   | 20        |      |
| cis-1,3-Dichloropropylene                         | 9.37   |                 | "     | 10.0        |                | 93.7                            | 70-130      |           | 0.428  | 20        |      |
| Cyclohexane                                       | 9.01   |                 | "     | 10.0        |                | 90.1                            | 70-130      |           | 2.41   | 20        |      |
| Dibromochloromethane                              | 9.52   |                 | "     | 10.0        |                | 95.2                            | 70-130      |           | 6.62   | 20        |      |
| Dibromomethane                                    | 9.56   |                 | "     | 10.0        |                | 95.6                            | 72-134      |           | 3.40   | 30        |      |
| Dichlorodifluoromethane                           | 13.1   |                 | "     | 10.0        |                | 131                             | 40-160      |           | 2.64   | 20        |      |
| Ethyl Benzene                                     | 9.24   |                 | "     | 10.0        |                | 92.4                            | 70-130      |           | 2.35   | 20        |      |
| Hexachlorobutadiene                               | 8.98   |                 | "     | 10.0        |                | 89.8                            | 67-146      |           | 6.67   | 30        |      |
| Isopropylbenzene                                  | 9.03   |                 | "     | 10.0        |                | 90.3                            | 70-130      |           | 6.43   | 20        |      |
| Methyl acetate                                    | 9.57   |                 | "     | 10.0        |                | 95.7                            | 70-130      |           | 7.37   | 20        |      |
| Methyl tert-butyl ether (MTBE)                    | 9.14   |                 | "     | 10.0        |                | 91.4                            | 70-130      |           | 7.14   | 20        |      |
| Methylcyclohexane                                 | 8.89   |                 | "     | 10.0        |                | 88.9                            | 70-130      |           | 1.34   | 20        |      |
| Methylene chloride                                | 9.61   |                 | "     | 10.0        |                | 96.1                            | 70-130      |           | 0.00   | 20        |      |
| n-Butylbenzene                                    | 8.88   |                 | "     | 10.0        |                | 88.8                            | 79-132      |           | 5.05   | 30        |      |



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

### York Analytical Laboratories, Inc.

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

#### Batch BK11900 - EPA 5030B

##### LCS Dup (BK11900-BSD1)

Prepared & Analyzed: 11/17/2021

|                                        |      |  |      |      |  |      |        |          |       |    |
|----------------------------------------|------|--|------|------|--|------|--------|----------|-------|----|
| n-Propylbenzene                        | 8.92 |  | ug/L | 10.0 |  | 89.2 | 78-133 |          | 6.51  | 30 |
| o-Xylene                               | 9.46 |  | "    | 10.0 |  | 94.6 | 70-130 |          | 0.317 | 20 |
| p- & m- Xylenes                        | 18.9 |  | "    | 20.0 |  | 94.6 | 70-130 |          | 1.68  | 20 |
| p-Isopropyltoluene                     | 9.13 |  | "    | 10.0 |  | 91.3 | 81-136 |          | 3.23  | 30 |
| sec-Butylbenzene                       | 8.93 |  | "    | 10.0 |  | 89.3 | 79-137 |          | 5.23  | 30 |
| Styrene                                | 9.13 |  | "    | 10.0 |  | 91.3 | 70-130 |          | 2.06  | 20 |
| tert-Butyl alcohol (TBA)               | 52.3 |  | "    | 50.0 |  | 105  | 25-162 |          | 19.7  | 30 |
| tert-Butylbenzene                      | 8.80 |  | "    | 10.0 |  | 88.0 | 77-138 |          | 6.27  | 30 |
| Tetrachloroethylene                    | 5.17 |  | "    | 10.0 |  | 51.7 | 70-130 | Low Bias | 3.98  | 20 |
| Toluene                                | 9.21 |  | "    | 10.0 |  | 92.1 | 70-130 |          | 1.40  | 20 |
| trans-1,2-Dichloroethylene             | 9.26 |  | "    | 10.0 |  | 92.6 | 70-130 |          | 4.12  | 20 |
| trans-1,3-Dichloropropylene            | 9.78 |  | "    | 10.0 |  | 97.8 | 70-130 |          | 5.35  | 20 |
| Trichloroethylene                      | 8.81 |  | "    | 10.0 |  | 88.1 | 70-130 |          | 3.35  | 20 |
| Trichlorofluoromethane                 | 9.40 |  | "    | 10.0 |  | 94.0 | 40-160 |          | 2.42  | 20 |
| Vinyl Chloride                         | 10.3 |  | "    | 10.0 |  | 103  | 70-130 |          | 4.38  | 20 |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.5 |  | "    | 10.0 |  | 105  | 70-130 |          |       |    |
| Surrogate: SURR: Toluene-d8            | 10.1 |  | "    | 10.0 |  | 101  | 70-130 |          |       |    |
| Surrogate: SURR: p-Bromofluorobenzene  | 9.74 |  | "    | 10.0 |  | 97.4 | 70-130 |          |       |    |

#### Batch BK11974 - EPA 5030B

##### Blank (BK11974-BLK1)

Prepared & Analyzed: 11/18/2021

|                                                   |    |       |      |
|---------------------------------------------------|----|-------|------|
| 1,1,1,2-Tetrachloroethane                         | ND | 0.500 | ug/L |
| 1,1,1-Trichloroethane                             | ND | 0.500 | "    |
| 1,1,2,2-Tetrachloroethane                         | ND | 0.500 | "    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.500 | "    |
| 1,1,2-Trichloroethane                             | ND | 0.500 | "    |
| 1,1-Dichloroethane                                | ND | 0.500 | "    |
| 1,1-Dichloroethylene                              | ND | 0.500 | "    |
| 1,2,3-Trichlorobenzene                            | ND | 0.500 | "    |
| 1,2,3-Trichloropropane                            | ND | 0.500 | "    |
| 1,2,4-Trichlorobenzene                            | ND | 0.500 | "    |
| 1,2,4-Trimethylbenzene                            | ND | 0.500 | "    |
| 1,2-Dibromo-3-chloropropane                       | ND | 0.500 | "    |
| 1,2-Dibromoethane                                 | ND | 0.500 | "    |
| 1,2-Dichlorobenzene                               | ND | 0.500 | "    |
| 1,2-Dichloroethane                                | ND | 0.500 | "    |
| 1,2-Dichloropropane                               | ND | 0.500 | "    |
| 1,3,5-Trimethylbenzene                            | ND | 0.500 | "    |
| 1,3-Dichlorobenzene                               | ND | 0.500 | "    |
| 1,4-Dichlorobenzene                               | ND | 0.500 | "    |
| 1,4-Dioxane                                       | ND | 80.0  | "    |
| 2-Butanone                                        | ND | 0.500 | "    |
| 2-Hexanone                                        | ND | 0.500 | "    |
| 4-Methyl-2-pentanone                              | ND | 0.500 | "    |
| Acetone                                           | ND | 2.00  | "    |
| Acrolein                                          | ND | 0.500 | "    |
| Acrylonitrile                                     | ND | 0.500 | "    |
| Benzene                                           | ND | 0.500 | "    |
| Bromochloromethane                                | ND | 0.500 | "    |
| Bromodichloromethane                              | ND | 0.500 | "    |





## 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 BK11974 - EPA 5030B

#### Blank (BK11974-BLK1)

Prepared & Analyzed: 11/18/2021

|                                        |      |       |      |      |  |      |        |  |  |  |  |
|----------------------------------------|------|-------|------|------|--|------|--------|--|--|--|--|
| Bromoform                              | ND   | 0.500 | ug/L |      |  |      |        |  |  |  |  |
| Bromomethane                           | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Carbon disulfide                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Carbon tetrachloride                   | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chlorobenzene                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chloroethane                           | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chloroform                             | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chloromethane                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| cis-1,2-Dichloroethylene               | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| cis-1,3-Dichloropropylene              | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Cyclohexane                            | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Dibromochloromethane                   | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Dibromomethane                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Dichlorodifluoromethane                | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Ethyl Benzene                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Hexachlorobutadiene                    | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Isopropylbenzene                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methyl acetate                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methyl tert-butyl ether (MTBE)         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methylcyclohexane                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methylene chloride                     | ND   | 2.00  | "    |      |  |      |        |  |  |  |  |
| n-Butylbenzene                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| n-Propylbenzene                        | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| o-Xylene                               | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| p- & m- Xylenes                        | ND   | 1.00  | "    |      |  |      |        |  |  |  |  |
| p-Isopropyltoluene                     | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| sec-Butylbenzene                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Styrene                                | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| tert-Butyl alcohol (TBA)               | ND   | 1.00  | "    |      |  |      |        |  |  |  |  |
| tert-Butylbenzene                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Tetrachloroethylene                    | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Toluene                                | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,2-Dichloroethylene             | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,3-Dichloropropylene            | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Trichloroethylene                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Trichlorofluoromethane                 | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Vinyl Chloride                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Xylenes, Total                         | ND   | 1.50  | "    |      |  |      |        |  |  |  |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.6 |       | "    | 10.0 |  | 106  | 70-130 |  |  |  |  |
| Surrogate: SURR: Toluene-d8            | 9.95 |       | "    | 10.0 |  | 99.5 | 70-130 |  |  |  |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.2 |       | "    | 10.0 |  | 102  | 70-130 |  |  |  |  |



## 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 |
|---------------------------------------------------|--------|--------------------|-------|----------------|-------------------|---------------------------------|----------------|-----------|-----|--------------|------|
| <b>Batch BK11974 - EPA 5030B</b>                  |        |                    |       |                |                   |                                 |                |           |     |              |      |
| <b>LCS (BK11974-BS1)</b>                          |        |                    |       |                |                   | Prepared & Analyzed: 11/18/2021 |                |           |     |              |      |
| 1,1,1,2-Tetrachloroethane                         | 9.00   |                    | ug/L  | 10.0           |                   | 90.0                            | 82-126         |           |     | 30           |      |
| 1,1,1-Trichloroethane                             | 9.61   |                    | "     | 10.0           |                   | 96.1                            | 70-130         |           |     | 20           |      |
| 1,1,2,2-Tetrachloroethane                         | 9.11   |                    | "     | 10.0           |                   | 91.1                            | 70-130         |           |     | 20           |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.7   |                    | "     | 10.0           |                   | 107                             | 70-130         |           |     | 20           |      |
| 1,1,2-Trichloroethane                             | 8.58   |                    | "     | 10.0           |                   | 85.8                            | 70-130         |           |     | 20           |      |
| 1,1-Dichloroethane                                | 9.40   |                    | "     | 10.0           |                   | 94.0                            | 70-130         |           |     | 20           |      |
| 1,1-Dichloroethylene                              | 10.0   |                    | "     | 10.0           |                   | 100                             | 70-130         |           |     | 20           |      |
| 1,2,3-Trichlorobenzene                            | 8.46   |                    | "     | 10.0           |                   | 84.6                            | 70-130         |           |     | 20           |      |
| 1,2,3-Trichloropropane                            | 9.04   |                    | "     | 10.0           |                   | 90.4                            | 77-128         |           |     | 30           |      |
| 1,2,4-Trichlorobenzene                            | 8.88   |                    | "     | 10.0           |                   | 88.8                            | 70-130         |           |     | 20           |      |
| 1,2,4-Trimethylbenzene                            | 9.73   |                    | "     | 10.0           |                   | 97.3                            | 82-132         |           |     | 20           |      |
| 1,2-Dibromo-3-chloropropane                       | 8.08   |                    | "     | 10.0           |                   | 80.8                            | 40-160         |           |     | 20           |      |
| 1,2-Dibromoethane                                 | 8.61   |                    | "     | 10.0           |                   | 86.1                            | 70-130         |           |     | 20           |      |
| 1,2-Dichlorobenzene                               | 9.33   |                    | "     | 10.0           |                   | 93.3                            | 70-130         |           |     | 20           |      |
| 1,2-Dichloroethane                                | 9.17   |                    | "     | 10.0           |                   | 91.7                            | 70-130         |           |     | 20           |      |
| 1,2-Dichloropropane                               | 9.74   |                    | "     | 10.0           |                   | 97.4                            | 70-130         |           |     | 20           |      |
| 1,3,5-Trimethylbenzene                            | 9.70   |                    | "     | 10.0           |                   | 97.0                            | 80-131         |           |     | 30           |      |
| 1,3-Dichlorobenzene                               | 9.45   |                    | "     | 10.0           |                   | 94.5                            | 70-130         |           |     | 20           |      |
| 1,4-Dichlorobenzene                               | 9.43   |                    | "     | 10.0           |                   | 94.3                            | 70-130         |           |     | 20           |      |
| 1,4-Dioxane                                       | 241    |                    | "     | 210            |                   | 115                             | 40-160         |           |     | 20           |      |
| 2-Butanone                                        | 7.51   |                    | "     | 10.0           |                   | 75.1                            | 40-160         |           |     | 20           |      |
| 2-Hexanone                                        | 6.42   |                    | "     | 10.0           |                   | 64.2                            | 40-160         |           |     | 20           |      |
| 4-Methyl-2-pentanone                              | 6.84   |                    | "     | 10.0           |                   | 68.4                            | 40-160         |           |     | 20           |      |
| Acetone                                           | 3.90   |                    | "     | 10.0           |                   | 39.0                            | 40-160         | Low Bias  |     | 20           |      |
| Acrolein                                          | 26.6   |                    | "     | 10.0           |                   | 266                             | 10-153         | High Bias |     | 30           |      |
| Acrylonitrile                                     | 9.61   |                    | "     | 10.0           |                   | 96.1                            | 51-150         |           |     | 30           |      |
| Benzene                                           | 9.69   |                    | "     | 10.0           |                   | 96.9                            | 70-130         |           |     | 20           |      |
| Bromochloromethane                                | 9.86   |                    | "     | 10.0           |                   | 98.6                            | 70-130         |           |     | 20           |      |
| Bromodichloromethane                              | 9.37   |                    | "     | 10.0           |                   | 93.7                            | 70-130         |           |     | 20           |      |
| Bromoform                                         | 8.97   |                    | "     | 10.0           |                   | 89.7                            | 70-130         |           |     | 20           |      |
| Bromomethane                                      | 7.67   |                    | "     | 10.0           |                   | 76.7                            | 40-160         |           |     | 20           |      |
| Carbon disulfide                                  | 11.4   |                    | "     | 10.0           |                   | 114                             | 40-160         |           |     | 20           |      |
| Carbon tetrachloride                              | 10.0   |                    | "     | 10.0           |                   | 100                             | 70-130         |           |     | 20           |      |
| Chlorobenzene                                     | 9.88   |                    | "     | 10.0           |                   | 98.8                            | 70-130         |           |     | 20           |      |
| Chloroethane                                      | 10.5   |                    | "     | 10.0           |                   | 105                             | 40-160         |           |     | 20           |      |
| Chloroform                                        | 9.61   |                    | "     | 10.0           |                   | 96.1                            | 70-130         |           |     | 20           |      |
| Chloromethane                                     | 9.76   |                    | "     | 10.0           |                   | 97.6                            | 40-160         |           |     | 20           |      |
| cis-1,2-Dichloroethylene                          | 9.76   |                    | "     | 10.0           |                   | 97.6                            | 70-130         |           |     | 20           |      |
| cis-1,3-Dichloropropylene                         | 9.25   |                    | "     | 10.0           |                   | 92.5                            | 70-130         |           |     | 20           |      |
| Cyclohexane                                       | 9.34   |                    | "     | 10.0           |                   | 93.4                            | 70-130         |           |     | 20           |      |
| Dibromochloromethane                              | 8.82   |                    | "     | 10.0           |                   | 88.2                            | 70-130         |           |     | 20           |      |
| Dibromomethane                                    | 9.05   |                    | "     | 10.0           |                   | 90.5                            | 72-134         |           |     | 30           |      |
| Dichlorodifluoromethane                           | 12.2   |                    | "     | 10.0           |                   | 122                             | 40-160         |           |     | 20           |      |
| Ethyl Benzene                                     | 9.84   |                    | "     | 10.0           |                   | 98.4                            | 70-130         |           |     | 20           |      |
| Hexachlorobutadiene                               | 9.42   |                    | "     | 10.0           |                   | 94.2                            | 67-146         |           |     | 30           |      |
| Isopropylbenzene                                  | 10.0   |                    | "     | 10.0           |                   | 100                             | 70-130         |           |     | 20           |      |
| Methyl acetate                                    | 8.26   |                    | "     | 10.0           |                   | 82.6                            | 70-130         |           |     | 20           |      |
| Methyl tert-butyl ether (MTBE)                    | 8.19   |                    | "     | 10.0           |                   | 81.9                            | 70-130         |           |     | 20           |      |
| Methylcyclohexane                                 | 9.39   |                    | "     | 10.0           |                   | 93.9                            | 70-130         |           |     | 20           |      |
| Methylene chloride                                | 9.45   |                    | "     | 10.0           |                   | 94.5                            | 70-130         |           |     | 20           |      |
| n-Butylbenzene                                    | 9.46   |                    | "     | 10.0           |                   | 94.6                            | 79-132         |           |     | 30           |      |



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

### York Analytical Laboratories, Inc.

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag      | RPD   | RPD Limit | Flag     |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|-----------|-------|-----------|----------|
| <b>Batch BK11974 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |           |       |           |          |
| <b>LCS (BK11974-BS1)</b>                          |        |                 |       |             |                | Prepared & Analyzed: 11/18/2021 |             |           |       |           |          |
| n-Propylbenzene                                   | 9.82   |                 | ug/L  | 10.0        |                | 98.2                            | 78-133      |           |       | 30        |          |
| o-Xylene                                          | 9.84   |                 | "     | 10.0        |                | 98.4                            | 70-130      |           |       | 20        |          |
| p- & m- Xylenes                                   | 19.8   |                 | "     | 20.0        |                | 98.8                            | 70-130      |           |       | 20        |          |
| p-Isopropyltoluene                                | 9.65   |                 | "     | 10.0        |                | 96.5                            | 81-136      |           |       | 30        |          |
| sec-Butylbenzene                                  | 9.74   |                 | "     | 10.0        |                | 97.4                            | 79-137      |           |       | 30        |          |
| Styrene                                           | 9.45   |                 | "     | 10.0        |                | 94.5                            | 70-130      |           |       | 20        |          |
| tert-Butyl alcohol (TBA)                          | 38.6   |                 | "     | 50.0        |                | 77.3                            | 25-162      |           |       | 30        |          |
| tert-Butylbenzene                                 | 9.53   |                 | "     | 10.0        |                | 95.3                            | 77-138      |           |       | 30        |          |
| Tetrachloroethylene                               | 5.51   |                 | "     | 10.0        |                | 55.1                            | 70-130      | Low Bias  |       | 20        |          |
| Toluene                                           | 9.70   |                 | "     | 10.0        |                | 97.0                            | 70-130      |           |       | 20        |          |
| trans-1,2-Dichloroethylene                        | 9.77   |                 | "     | 10.0        |                | 97.7                            | 70-130      |           |       | 20        |          |
| trans-1,3-Dichloropropylene                       | 8.93   |                 | "     | 10.0        |                | 89.3                            | 70-130      |           |       | 20        |          |
| Trichloroethylene                                 | 9.52   |                 | "     | 10.0        |                | 95.2                            | 70-130      |           |       | 20        |          |
| Trichlorofluoromethane                            | 9.68   |                 | "     | 10.0        |                | 96.8                            | 40-160      |           |       | 20        |          |
| Vinyl Chloride                                    | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |           |       | 20        |          |
| Surrogate: SURR: 1,2-Dichloroethane-d4            | 9.53   |                 | "     | 10.0        |                | 95.3                            | 70-130      |           |       |           |          |
| Surrogate: SURR: Toluene-d8                       | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |           |       |           |          |
| Surrogate: SURR: p-Bromofluorobenzene             | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |           |       |           |          |
| <b>LCS Dup (BK11974-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 11/18/2021 |             |           |       |           |          |
| 1,1,1,2-Tetrachloroethane                         | 9.16   |                 | ug/L  | 10.0        |                | 91.6                            | 82-126      |           | 1.76  | 30        |          |
| 1,1,1-Trichloroethane                             | 9.29   |                 | "     | 10.0        |                | 92.9                            | 70-130      |           | 3.39  | 20        |          |
| 1,1,2,2-Tetrachloroethane                         | 9.93   |                 | "     | 10.0        |                | 99.3                            | 70-130      |           | 8.61  | 20        |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |           | 4.10  | 20        |          |
| 1,1,2-Trichloroethane                             | 9.30   |                 | "     | 10.0        |                | 93.0                            | 70-130      |           | 8.05  | 20        |          |
| 1,1-Dichloroethane                                | 9.31   |                 | "     | 10.0        |                | 93.1                            | 70-130      |           | 0.962 | 20        |          |
| 1,1-Dichloroethylene                              | 9.38   |                 | "     | 10.0        |                | 93.8                            | 70-130      |           | 6.80  | 20        |          |
| 1,2,3-Trichlorobenzene                            | 9.31   |                 | "     | 10.0        |                | 93.1                            | 70-130      |           | 9.57  | 20        |          |
| 1,2,3-Trichloropropane                            | 9.92   |                 | "     | 10.0        |                | 99.2                            | 77-128      |           | 9.28  | 30        |          |
| 1,2,4-Trichlorobenzene                            | 9.37   |                 | "     | 10.0        |                | 93.7                            | 70-130      |           | 5.37  | 20        |          |
| 1,2,4-Trimethylbenzene                            | 9.03   |                 | "     | 10.0        |                | 90.3                            | 82-132      |           | 7.46  | 20        |          |
| 1,2-Dibromo-3-chloropropane                       | 9.29   |                 | "     | 10.0        |                | 92.9                            | 40-160      |           | 13.9  | 20        |          |
| 1,2-Dibromoethane                                 | 9.54   |                 | "     | 10.0        |                | 95.4                            | 70-130      |           | 10.2  | 20        |          |
| 1,2-Dichlorobenzene                               | 9.15   |                 | "     | 10.0        |                | 91.5                            | 70-130      |           | 1.95  | 20        |          |
| 1,2-Dichloroethane                                | 9.69   |                 | "     | 10.0        |                | 96.9                            | 70-130      |           | 5.51  | 20        |          |
| 1,2-Dichloropropane                               | 9.61   |                 | "     | 10.0        |                | 96.1                            | 70-130      |           | 1.34  | 20        |          |
| 1,3,5-Trimethylbenzene                            | 8.96   |                 | "     | 10.0        |                | 89.6                            | 80-131      |           | 7.93  | 30        |          |
| 1,3-Dichlorobenzene                               | 9.00   |                 | "     | 10.0        |                | 90.0                            | 70-130      |           | 4.88  | 20        |          |
| 1,4-Dichlorobenzene                               | 9.22   |                 | "     | 10.0        |                | 92.2                            | 70-130      |           | 2.25  | 20        |          |
| 1,4-Dioxane                                       | 359    |                 | "     | 210         |                | 171                             | 40-160      | High Bias | 39.2  | 20        | Non-dir. |
| 2-Butanone                                        | 8.75   |                 | "     | 10.0        |                | 87.5                            | 40-160      |           | 15.3  | 20        |          |
| 2-Hexanone                                        | 7.78   |                 | "     | 10.0        |                | 77.8                            | 40-160      |           | 19.2  | 20        |          |
| 4-Methyl-2-pentanone                              | 8.04   |                 | "     | 10.0        |                | 80.4                            | 40-160      |           | 16.1  | 20        |          |
| Acetone                                           | 4.51   |                 | "     | 10.0        |                | 45.1                            | 40-160      |           | 14.5  | 20        |          |
| Acrolein                                          | 32.8   |                 | "     | 10.0        |                | 328                             | 10-153      | High Bias | 21.1  | 30        |          |
| Acrylonitrile                                     | 9.43   |                 | "     | 10.0        |                | 94.3                            | 51-150      |           | 1.89  | 30        |          |
| Benzene                                           | 9.57   |                 | "     | 10.0        |                | 95.7                            | 70-130      |           | 1.25  | 20        |          |
| Bromochloromethane                                | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |           | 2.31  | 20        |          |
| Bromodichloromethane                              | 9.44   |                 | "     | 10.0        |                | 94.4                            | 70-130      |           | 0.744 | 20        |          |
| Bromoform                                         | 9.78   |                 | "     | 10.0        |                | 97.8                            | 70-130      |           | 8.64  | 20        |          |
| Bromomethane                                      | 7.37   |                 | "     | 10.0        |                | 73.7                            | 40-160      |           | 3.99  | 20        |          |



## 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 BK11974 - EPA 5030B</b>       |        |                    |       |                |                   |                                 |                |          |       |              |      |
| <b>LCS Dup (BK11974-BSD1)</b>          |        |                    |       |                |                   | Prepared & Analyzed: 11/18/2021 |                |          |       |              |      |
| Carbon disulfide                       | 10.7   |                    | ug/L  | 10.0           |                   | 107                             | 40-160         |          | 6.96  | 20           |      |
| Carbon tetrachloride                   | 9.41   |                    | "     | 10.0           |                   | 94.1                            | 70-130         |          | 6.28  | 20           |      |
| Chlorobenzene                          | 9.67   |                    | "     | 10.0           |                   | 96.7                            | 70-130         |          | 2.15  | 20           |      |
| Chloroethane                           | 9.89   |                    | "     | 10.0           |                   | 98.9                            | 40-160         |          | 5.98  | 20           |      |
| Chloroform                             | 9.59   |                    | "     | 10.0           |                   | 95.9                            | 70-130         |          | 0.208 | 20           |      |
| Chloromethane                          | 9.24   |                    | "     | 10.0           |                   | 92.4                            | 40-160         |          | 5.47  | 20           |      |
| cis-1,2-Dichloroethylene               | 9.27   |                    | "     | 10.0           |                   | 92.7                            | 70-130         |          | 5.15  | 20           |      |
| cis-1,3-Dichloropropylene              | 9.39   |                    | "     | 10.0           |                   | 93.9                            | 70-130         |          | 1.50  | 20           |      |
| Cyclohexane                            | 8.91   |                    | "     | 10.0           |                   | 89.1                            | 70-130         |          | 4.71  | 20           |      |
| Dibromochloromethane                   | 9.69   |                    | "     | 10.0           |                   | 96.9                            | 70-130         |          | 9.40  | 20           |      |
| Dibromomethane                         | 9.65   |                    | "     | 10.0           |                   | 96.5                            | 72-134         |          | 6.42  | 30           |      |
| Dichlorodifluoromethane                | 11.5   |                    | "     | 10.0           |                   | 115                             | 40-160         |          | 5.41  | 20           |      |
| Ethyl Benzene                          | 9.30   |                    | "     | 10.0           |                   | 93.0                            | 70-130         |          | 5.64  | 20           |      |
| Hexachlorobutadiene                    | 9.27   |                    | "     | 10.0           |                   | 92.7                            | 67-146         |          | 1.61  | 30           |      |
| Isopropylbenzene                       | 9.01   |                    | "     | 10.0           |                   | 90.1                            | 70-130         |          | 10.5  | 20           |      |
| Methyl acetate                         | 9.49   |                    | "     | 10.0           |                   | 94.9                            | 70-130         |          | 13.9  | 20           |      |
| Methyl tert-butyl ether (MTBE)         | 9.17   |                    | "     | 10.0           |                   | 91.7                            | 70-130         |          | 11.3  | 20           |      |
| Methylcyclohexane                      | 8.93   |                    | "     | 10.0           |                   | 89.3                            | 70-130         |          | 5.02  | 20           |      |
| Methylene chloride                     | 9.70   |                    | "     | 10.0           |                   | 97.0                            | 70-130         |          | 2.61  | 20           |      |
| n-Butylbenzene                         | 9.07   |                    | "     | 10.0           |                   | 90.7                            | 79-132         |          | 4.21  | 30           |      |
| n-Propylbenzene                        | 8.89   |                    | "     | 10.0           |                   | 88.9                            | 78-133         |          | 9.94  | 30           |      |
| o-Xylene                               | 9.55   |                    | "     | 10.0           |                   | 95.5                            | 70-130         |          | 2.99  | 20           |      |
| p- & m- Xylenes                        | 18.8   |                    | "     | 20.0           |                   | 94.2                            | 70-130         |          | 4.82  | 20           |      |
| p-Isopropyltoluene                     | 9.13   |                    | "     | 10.0           |                   | 91.3                            | 81-136         |          | 5.54  | 30           |      |
| sec-Butylbenzene                       | 9.03   |                    | "     | 10.0           |                   | 90.3                            | 79-137         |          | 7.57  | 30           |      |
| Styrene                                | 9.32   |                    | "     | 10.0           |                   | 93.2                            | 70-130         |          | 1.39  | 20           |      |
| tert-Butyl alcohol (TBA)               | 52.0   |                    | "     | 50.0           |                   | 104                             | 25-162         |          | 29.5  | 30           |      |
| tert-Butylbenzene                      | 8.75   |                    | "     | 10.0           |                   | 87.5                            | 77-138         |          | 8.53  | 30           |      |
| Tetrachloroethylene                    | 5.32   |                    | "     | 10.0           |                   | 53.2                            | 70-130         | Low Bias | 3.51  | 20           |      |
| Toluene                                | 9.20   |                    | "     | 10.0           |                   | 92.0                            | 70-130         |          | 5.29  | 20           |      |
| trans-1,2-Dichloroethylene             | 9.33   |                    | "     | 10.0           |                   | 93.3                            | 70-130         |          | 4.61  | 20           |      |
| trans-1,3-Dichloropropylene            | 9.62   |                    | "     | 10.0           |                   | 96.2                            | 70-130         |          | 7.44  | 20           |      |
| Trichloroethylene                      | 8.82   |                    | "     | 10.0           |                   | 88.2                            | 70-130         |          | 7.63  | 20           |      |
| Trichlorofluoromethane                 | 9.27   |                    | "     | 10.0           |                   | 92.7                            | 40-160         |          | 4.33  | 20           |      |
| Vinyl Chloride                         | 9.55   |                    | "     | 10.0           |                   | 95.5                            | 70-130         |          | 6.88  | 20           |      |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.4   |                    | "     | 10.0           |                   | 104                             | 70-130         |          |       |              |      |
| Surrogate: SURR: Toluene-d8            | 10.0   |                    | "     | 10.0           |                   | 100                             | 70-130         |          |       |              |      |
| Surrogate: SURR: p-Bromofluorobenzene  | 9.89   |                    | "     | 10.0           |                   | 98.9                            | 70-130         |          |       |              |      |



Metals by ICP - 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 BK11734 - EPA 3015A

Blank (BK11734-BLK1)

Prepared & Analyzed: 11/15/2021

|           |    |        |      |
|-----------|----|--------|------|
| Antimony  | ND | 0.028  | mg/L |
| Arsenic   | ND | 0.017  | "    |
| Beryllium | ND | 0.0006 | "    |
| Cadmium   | ND | 0.003  | "    |
| Chromium  | ND | 0.006  | "    |
| Copper    | ND | 0.022  | "    |
| Lead      | ND | 0.006  | "    |
| Nickel    | ND | 0.011  | "    |
| Selenium  | ND | 0.028  | "    |
| Silver    | ND | 0.006  | "    |
| Thallium  | ND | 0.028  | "    |
| Zinc      | ND | 0.028  | "    |

LCS (BK11734-BS1)

Prepared & Analyzed: 11/15/2021

|           |       |       |        |      |        |          |
|-----------|-------|-------|--------|------|--------|----------|
| Antimony  | 0.221 | ug/mL | 0.250  | 88.3 | 80-120 |          |
| Arsenic   | 1.67  | "     | 2.00   | 83.6 | 80-120 |          |
| Beryllium | 0.046 | "     | 0.0500 | 92.0 | 80-120 |          |
| Cadmium   | 0.046 | "     | 0.0500 | 92.3 | 80-120 |          |
| Chromium  | 0.190 | "     | 0.200  | 95.2 | 80-120 |          |
| Copper    | 0.243 | "     | 0.250  | 97.1 | 80-120 |          |
| Lead      | 0.479 | "     | 0.500  | 95.9 | 80-120 |          |
| Nickel    | 0.459 | "     | 0.500  | 91.7 | 80-120 |          |
| Selenium  | 1.50  | "     | 2.00   | 74.9 | 80-120 | Low Bias |
| Silver    | 0.026 | "     | 0.0500 | 52.0 | 80-120 | Low Bias |
| Thallium  | 1.78  | "     | 2.00   | 89.1 | 80-120 |          |
| Zinc      | 0.441 | "     | 0.500  | 88.2 | 80-120 |          |



## Metals by ICP/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 BK11735 - EPA 3015A

##### Blank (BK11735-BLK1)

Prepared & Analyzed: 11/15/2021

|           |      |       |      |
|-----------|------|-------|------|
| Antimony  | ND   | 1.11  | ug/L |
| Arsenic   | ND   | 1.11  | "    |
| Beryllium | ND   | 0.333 | "    |
| Cadmium   | ND   | 0.556 | "    |
| Chromium  | ND   | 1.11  | "    |
| Copper    | ND   | 1.11  | "    |
| Lead      | ND   | 1.11  | "    |
| Nickel    | ND   | 1.11  | "    |
| Selenium  | ND   | 1.11  | "    |
| Silver    | ND   | 1.11  | "    |
| Thallium  | ND   | 1.11  | "    |
| Zinc      | 2.59 | 1.11  | "    |

##### LCS (BK11735-BS1)

Prepared & Analyzed: 11/15/2021

|           |      |      |      |      |        |           |
|-----------|------|------|------|------|--------|-----------|
| Antimony  | 70.0 | ug/L | 50.0 | 140  | 80-120 | High Bias |
| Arsenic   | 53.6 | "    | 50.0 | 107  | 80-120 |           |
| Beryllium | 46.3 | "    | 50.0 | 92.7 | 80-120 |           |
| Cadmium   | 81.4 | "    | 50.0 | 163  | 80-120 | High Bias |
| Chromium  | 49.2 | "    | 50.0 | 98.4 | 80-120 |           |
| Copper    | 48.8 | "    | 50.0 | 97.5 | 80-120 |           |
| Lead      | 50.4 | "    | 50.0 | 101  | 80-120 |           |
| Nickel    | 48.2 | "    | 50.0 | 96.4 | 80-120 |           |
| Selenium  | 51.8 | "    | 50.0 | 104  | 80-120 |           |
| Silver    | 406  | "    | 50.0 | 812  | 80-120 | High Bias |
| Thallium  | 50.2 | "    | 50.0 | 100  | 80-120 |           |
| Zinc      | 54.7 | "    | 50.0 | 109  | 80-120 |           |



Mercury by EPA 7000/200 Series Methods - 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 BK11808 - EPA SW846-7470A

Blank (BK11808-BLK1)

Prepared & Analyzed: 11/15/2021

|         |    |        |      |
|---------|----|--------|------|
| Mercury | ND | 0.0002 | mg/L |
|---------|----|--------|------|

LCS (BK11808-BS1)

Prepared & Analyzed: 11/15/2021

|         |           |        |      |         |     |        |
|---------|-----------|--------|------|---------|-----|--------|
| Mercury | 0.0020587 | 0.0002 | mg/L | 0.00200 | 103 | 80-120 |
|---------|-----------|--------|------|---------|-----|--------|



### Volatile Analysis Sample Containers

| Lab ID     | Client Sample ID | Volatile Sample Container                     |
|------------|------------------|-----------------------------------------------|
| 21K0471-01 | KC-MW-01 1121    | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 21K0471-02 | KC-MW-02 1121    | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 21K0471-03 | KC-MW-05 1121    | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 21K0471-04 | KC-MW-07 1121    | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 21K0471-05 | KC-FD-001 1121   | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 21K0471-06 | TRIP BLANK 1121  | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |





### Sample and Data Qualifiers Relating to This Work Order

|        |                                                                                                                                                                                                    |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QR-04  | The RPD exceeded control limits for the LCS/LCSD QC.                                                                                                                                               |
| QL-02  | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| M-ICV2 | The recovery for this element in the ICV was outside the 90-110% recovery criteria.                                                                                                                |
| M-CRL  | The RL check for this element recovered outside of control limits.                                                                                                                                 |
| M-BS   | The recovery for this element in the batch blank spike recovered slightly outside of control limits                                                                                                |
| M-BLK  | The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.                                |
| CCV-E  | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).           |
| B      | Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.                                                                |

### Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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## Laboratory Chain-of-Custody Record

York Project (SDG) No.: 21K0471

Samples Received: 11/10/2021 14:47 By: Michael Rapisarda Logged In: 11/10/2021 12:09 By: Tom Gabrielson

### Sample Conditions:

- |                                                                  |                                                                             |
|------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <input type="checkbox"/> Custody Seals                           | <input checked="" type="checkbox"/> Chain of Custody Form Received          |
| <input checked="" type="checkbox"/> Containers Intact            | <input checked="" type="checkbox"/> Appropriate Sample Volumes Received     |
| <input checked="" type="checkbox"/> COC/Labels Agree             | <input checked="" type="checkbox"/> Appropriate Sample Containers Submitted |
| <input checked="" type="checkbox"/> Preservation Confirmed       | <input checked="" type="checkbox"/> Samples Submitted within Holding Times  |
| <input checked="" type="checkbox"/> Cooler Temperature Confirmed | <input type="checkbox"/> Corrective Action Form Required                    |
| <input checked="" type="checkbox"/> COC Complete                 |                                                                             |

### Preparation Chain-of-Custody

| Sample ID     | Reason Prep     | Prep Start Date  | Prep End Date    | Prep Analyst  |
|---------------|-----------------|------------------|------------------|---------------|
| 21K0471-01    | EPA 3015A       | 11/15/2021 8:53  | 11/15/2021 8:53  | Brian Raggi   |
| 21K0471-02    | EPA 3015A       | 11/15/2021 7:56  | 11/15/2021 7:56  | Brian Raggi   |
| 21K0471-03    | EPA 3015A       | 11/15/2021 7:56  | 11/15/2021 7:56  | Brian Raggi   |
| 21K0471-05    | EPA 3015A       | 11/15/2021 7:56  | 11/15/2021 7:56  | Brian Raggi   |
| 21K0471-01    | EPA 5030B       | 11/17/2021 9:00  | 11/17/2021 9:00  | Paige Dostie  |
| 21K0471-01RE1 | EPA 5030B       | 11/18/2021 9:00  | 11/18/2021 9:00  | Paige Dostie  |
| 21K0471-01RE2 | EPA 5030B       | 11/18/2021 9:00  | 11/18/2021 9:00  | Paige Dostie  |
| 21K0471-02    | EPA 5030B       | 11/17/2021 9:00  | 11/17/2021 9:00  | Cassie Mosher |
| 21K0471-03    | EPA 5030B       | 11/17/2021 9:00  | 11/17/2021 9:00  | Paige Dostie  |
| 21K0471-04    | EPA 5030B       | 11/17/2021 9:00  | 11/17/2021 9:00  | Paige Dostie  |
| 21K0471-05    | EPA 5030B       | 11/18/2021 9:00  | 11/18/2021 9:00  | Paige Dostie  |
| 21K0471-05RE1 | EPA 5030B       | 11/18/2021 9:00  | 11/18/2021 9:00  | Paige Dostie  |
| 21K0471-05RE2 | EPA 5030B       | 11/18/2021 9:00  | 11/18/2021 9:00  | Paige Dostie  |
| 21K0471-06    | EPA 5030B       | 11/18/2021 9:00  | 11/18/2021 9:00  | Paige Dostie  |
| 21K0471-01    | EPA SW846-7470A | 11/15/2021 18:20 | 11/15/2021 18:20 | Ali Akbar     |
| 21K0471-02    | EPA SW846-7470A | 11/15/2021 18:20 | 11/15/2021 18:20 | Ali Akbar     |
| 21K0471-03    | EPA SW846-7470A | 11/15/2021 18:20 | 11/15/2021 18:20 | Ali Akbar     |
| 21K0471-05    | EPA SW846-7470A | 11/15/2021 18:20 | 11/15/2021 18:20 | Ali Akbar     |

### Analysis Chain-of-Custody

| Sample ID  | Reason Analysis      | Analysis Start Date | Analysis End Date | Analyst   |
|------------|----------------------|---------------------|-------------------|-----------|
| 21K0471-01 | Mercury by 7470/7471 | 11/15/2021 18:20    | 11/15/2021 18:20  | Ali Akbar |
| 21K0471-02 | Mercury by 7470/7471 | 11/15/2021 18:20    | 11/15/2021 18:20  | Ali Akbar |
| 21K0471-03 | Mercury by 7470/7471 | 11/15/2021 18:20    | 11/15/2021 18:20  | Ali Akbar |



## Analysis Chain-of-Custody

| Sample ID     | Reason Analysis                      | Analysis Start Date | Analysis End Date | Analyst          |
|---------------|--------------------------------------|---------------------|-------------------|------------------|
| 21K0471-05    | Mercury by 7470/7471                 | 11/15/2021 18:20    | 11/15/2021 18:20  | Ali Akbar        |
| 21K0471-01    | Metals, Priority Pollutant           | 11/15/2021 8:53     | 11/15/2021 18:51  | Ryan Harrington  |
| 21K0471-02    | Metals, Priority Pollutant-Low Level | 11/15/2021 7:56     | 11/15/2021 16:34  | Eleni Manesiotis |
| 21K0471-03    | Metals, Priority Pollutant-Low Level | 11/15/2021 7:56     | 11/15/2021 16:38  | Eleni Manesiotis |
| 21K0471-05    | Metals, Priority Pollutant-Low Level | 11/15/2021 7:56     | 11/15/2021 16:41  | Eleni Manesiotis |
| 21K0471-01    | VOA, 8260 LOW MASTER                 | 11/17/2021 9:00     | 11/17/2021 17:06  | Paige Dostie     |
| 21K0471-01RE1 | VOA, 8260 LOW MASTER                 | 11/18/2021 9:00     | 11/18/2021 16:32  | Paige Dostie     |
| 21K0471-01RE2 | VOA, 8260 LOW MASTER                 | 11/18/2021 9:00     | 11/18/2021 16:59  | Paige Dostie     |
| 21K0471-02    | VOA, 8260 LOW MASTER                 | 11/17/2021 9:00     | 11/17/2021 17:33  | Paige Dostie     |
| 21K0471-03    | VOA, 8260 LOW MASTER                 | 11/17/2021 9:00     | 11/17/2021 18:00  | Paige Dostie     |
| 21K0471-04    | VOA, 8260 LOW MASTER                 | 11/17/2021 9:00     | 11/17/2021 18:26  | Paige Dostie     |
| 21K0471-05    | VOA, 8260 LOW MASTER                 | 11/18/2021 9:00     | 11/18/2021 15:12  | Paige Dostie     |
| 21K0471-05RE1 | VOA, 8260 LOW MASTER                 | 11/18/2021 9:00     | 11/18/2021 15:38  | Paige Dostie     |
| 21K0471-05RE2 | VOA, 8260 LOW MASTER                 | 11/18/2021 9:00     | 11/18/2021 16:05  | Paige Dostie     |
| 21K0471-06    | VOA, 8260 LOW MASTER                 | 11/18/2021 9:00     | 11/18/2021 14:45  | Paige Dostie     |



York Analytical Laboratories, Inc.

ASP A Deliverable

SDG: 21K0471

CLASS: VOA

METHOD: EPA 8260C

# DATA PACKAGE COVER PAGE

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.

SDG: 21K0471

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.20 KINGSTON CVS

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**Client Sample Id:**

KC-MW-01 1121

KC-MW-01 1121

KC-MW-01 1121

KC-MW-02 1121

KC-MW-05 1121

KC-MW-07 1121

KC-FD-001 1121

KC-FD-001 1121

KC-FD-001 1121

TRIP BLANK 1121

**Lab Sample Id:**

21K0471-01

21K0471-01RE1

21K0471-01RE2

21K0471-02

21K0471-03

21K0471-04

21K0471-05

21K0471-05RE1

21K0471-05RE2

21K0471-06

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:



Name:

Cassie L. Mosher

Date:

11/23/2021

Title:

Laboratory Manager



## FORM I

## ORGANIC ANALYSIS DATA SHEET

EPA 8260C

KC-MW-01 1121

Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
 Matrix: Water Laboratory ID: 21K0471-01 File ID: V10C008519.D  
 Sampled: 11/09/21 13:33 Prepared: 11/17/21 09:00 Analyzed: 11/17/21 17:06  
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
 Batch: BK11900 Sequence: Y1K1726 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.    | COMPOUND                                          | DILUTION | CONC. (ug/L) | Q |
|------------|---------------------------------------------------|----------|--------------|---|
| 630-20-6   | 1,1,1,2-Tetrachloroethane                         | 5        | 2.50         | U |
| 71-55-6    | 1,1,1-Trichloroethane                             | 5        | 2.50         | U |
| 79-34-5    | 1,1,2,2-Tetrachloroethane                         | 5        | 2.50         | U |
| 76-13-1    | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 5        | 2.50         | U |
| 79-00-5    | 1,1,2-Trichloroethane                             | 5        | 2.50         | U |
| 75-34-3    | 1,1-Dichloroethane                                | 5        | 19.6         | D |
| 75-35-4    | 1,1-Dichloroethylene                              | 5        | 119          | D |
| 87-61-6    | 1,2,3-Trichlorobenzene                            | 5        | 2.50         | U |
| 96-18-4    | 1,2,3-Trichloropropane                            | 5        | 2.50         | U |
| 120-82-1   | 1,2,4-Trichlorobenzene                            | 5        | 2.50         | U |
| 95-63-6    | 1,2,4-Trimethylbenzene                            | 5        | 2.50         | U |
| 96-12-8    | 1,2-Dibromo-3-chloropropane                       | 5        | 2.50         | U |
| 106-93-4   | 1,2-Dibromoethane                                 | 5        | 2.50         | U |
| 95-50-1    | 1,2-Dichlorobenzene                               | 5        | 2.50         | U |
| 107-06-2   | 1,2-Dichloroethane                                | 5        | 2.50         | U |
| 78-87-5    | 1,2-Dichloropropane                               | 5        | 2.50         | U |
| 108-67-8   | 1,3,5-Trimethylbenzene                            | 5        | 2.50         | U |
| 541-73-1   | 1,3-Dichlorobenzene                               | 5        | 2.50         | U |
| 106-46-7   | 1,4-Dichlorobenzene                               | 5        | 2.50         | U |
| 123-91-1   | 1,4-Dioxane                                       | 5        | 400          | U |
| 78-93-3    | 2-Butanone                                        | 5        | 2.50         | U |
| 591-78-6   | 2-Hexanone                                        | 5        | 2.50         | U |
| 108-10-1   | 4-Methyl-2-pentanone                              | 5        | 2.50         | U |
| 67-64-1    | Acetone                                           | 5        | 10.0         | U |
| 107-02-8   | Acrolein                                          | 5        | 2.50         | U |
| 107-13-1   | Acrylonitrile                                     | 5        | 2.50         | U |
| 71-43-2    | Benzene                                           | 5        | 3.15         | D |
| 74-97-5    | Bromochloromethane                                | 5        | 2.50         | U |
| 75-27-4    | Bromodichloromethane                              | 5        | 2.50         | U |
| 75-25-2    | Bromoform                                         | 5        | 2.50         | U |
| 74-83-9    | Bromomethane                                      | 5        | 2.50         | U |
| 75-15-0    | Carbon disulfide                                  | 5        | 2.50         | U |
| 56-23-5    | Carbon tetrachloride                              | 5        | 2.50         | U |
| 108-90-7   | Chlorobenzene                                     | 5        | 2.50         | U |
| 75-00-3    | Chloroethane                                      | 5        | 2.50         | U |
| 67-66-3    | Chloroform                                        | 5        | 2.50         | U |
| 74-87-3    | Chloromethane                                     | 5        | 2.50         | U |
| 10061-01-5 | cis-1,3-Dichloropropylene                         | 5        | 2.50         | U |
| 110-82-7   | Cyclohexane                                       | 5        | 2.50         | U |
| 124-48-1   | Dibromochloromethane                              | 5        | 2.50         | U |



Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
 Matrix: Water Laboratory ID: 21K0471-01 File ID: V10C008519.D  
 Sampled: 11/09/21 13:33 Prepared: 11/17/21 09:00 Analyzed: 11/17/21 17:06  
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
 Batch: BK11900 Sequence: Y1K1726 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.     | COMPOUND                       | DILUTION | CONC. (ug/L) | Q  |
|-------------|--------------------------------|----------|--------------|----|
| 74-95-3     | Dibromomethane                 | 5        | 2.50         | U  |
| 75-71-8     | Dichlorodifluoromethane        | 5        | 2.50         | U  |
| 100-41-4    | Ethyl Benzene                  | 5        | 1.10         | JD |
| 87-68-3     | Hexachlorobutadiene            | 5        | 2.50         | U  |
| 98-82-8     | Isopropylbenzene               | 5        | 2.50         | U  |
| 79-20-9     | Methyl acetate                 | 5        | 2.50         | U  |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | 5        | 2.50         | U  |
| 108-87-2    | Methylcyclohexane              | 5        | 2.50         | U  |
| 75-09-2     | Methylene chloride             | 5        | 12.6         | D  |
| 104-51-8    | n-Butylbenzene                 | 5        | 2.50         | U  |
| 103-65-1    | n-Propylbenzene                | 5        | 2.50         | U  |
| 95-47-6     | o-Xylene                       | 5        | 1.35         | JD |
| 179601-23-1 | p- & m- Xylenes                | 5        | 3.35         | JD |
| 99-87-6     | p-Isopropyltoluene             | 5        | 2.50         | U  |
| 135-98-8    | sec-Butylbenzene               | 5        | 2.50         | U  |
| 100-42-5    | Styrene                        | 5        | 2.50         | U  |
| 75-65-0     | tert-Butyl alcohol (TBA)       | 5        | 5.00         | U  |
| 98-06-6     | tert-Butylbenzene              | 5        | 2.50         | U  |
| 127-18-4    | Tetrachloroethylene            | 5        | 2.50         | U  |
| 108-88-3    | Toluene                        | 5        | 5.20         | D  |
| 10061-02-6  | trans-1,3-Dichloropropylene    | 5        | 2.50         | U  |
| 75-69-4     | Trichlorofluoromethane         | 5        | 2.50         | U  |
| 1330-20-7   | Xylenes, Total                 | 5        | 4.70         | JD |

| SYSTEM MONITORING COMPOUND | ADDED (ug/L) | CONC (ug/L) | % REC | QC LIMITS | Q |
|----------------------------|--------------|-------------|-------|-----------|---|
| SURR: Toluene-d8           | 10.0         | 9.92        | 99.2  | 70 - 130  |   |

\* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
Matrix: Water Laboratory ID: 21K0471-01RE1 File ID: V10C008560.D  
Sampled: 11/09/21 13:33 Prepared: 11/18/21 09:00 Analyzed: 11/18/21 16:32  
Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
Batch: BK11974 Sequence: Y1K1835 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.  | COMPOUND                   | DILUTION | CONC. (ug/L) | Q |
|----------|----------------------------|----------|--------------|---|
| 156-60-5 | trans-1,2-Dichloroethylene | 100      | 708          | D |
| 75-01-4  | Vinyl Chloride             | 100      | 3400         | D |

\* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
Matrix: Water Laboratory ID: 21K0471-01RE2 File ID: V10C008561.D  
Sampled: 11/09/21 13:33 Prepared: 11/18/21 09:00 Analyzed: 11/18/21 16:59  
Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
Batch: BK11974 Sequence: Y1K1835 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.  | COMPOUND                 | DILUTION | CONC. (ug/L) | Q |
|----------|--------------------------|----------|--------------|---|
| 156-59-2 | cis-1,2-Dichloroethylene | 500      | 40000        | D |
| 79-01-6  | Trichloroethylene        | 500      | 29600        | D |

\* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
 Matrix: Water Laboratory ID: 21K0471-02 File ID: V10C008520.D  
 Sampled: 11/09/21 11:38 Prepared: 11/17/21 09:00 Analyzed: 11/17/21 17:33  
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
 Batch: BK11900 Sequence: Y1K1726 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.    | COMPOUND                                          | DILUTION | CONC. (ug/L) | Q |
|------------|---------------------------------------------------|----------|--------------|---|
| 630-20-6   | 1,1,1,2-Tetrachloroethane                         | 1        | 0.500        | U |
| 71-55-6    | 1,1,1-Trichloroethane                             | 1        | 0.500        | U |
| 79-34-5    | 1,1,2,2-Tetrachloroethane                         | 1        | 0.500        | U |
| 76-13-1    | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 1        | 0.500        | U |
| 79-00-5    | 1,1,2-Trichloroethane                             | 1        | 0.500        | U |
| 75-34-3    | 1,1-Dichloroethane                                | 1        | 0.500        | U |
| 75-35-4    | 1,1-Dichloroethylene                              | 1        | 0.500        | U |
| 87-61-6    | 1,2,3-Trichlorobenzene                            | 1        | 0.500        | U |
| 96-18-4    | 1,2,3-Trichloropropane                            | 1        | 0.500        | U |
| 120-82-1   | 1,2,4-Trichlorobenzene                            | 1        | 0.500        | U |
| 95-63-6    | 1,2,4-Trimethylbenzene                            | 1        | 0.500        | U |
| 96-12-8    | 1,2-Dibromo-3-chloropropane                       | 1        | 0.500        | U |
| 106-93-4   | 1,2-Dibromoethane                                 | 1        | 0.500        | U |
| 95-50-1    | 1,2-Dichlorobenzene                               | 1        | 0.500        | U |
| 107-06-2   | 1,2-Dichloroethane                                | 1        | 0.500        | U |
| 78-87-5    | 1,2-Dichloropropane                               | 1        | 0.500        | U |
| 108-67-8   | 1,3,5-Trimethylbenzene                            | 1        | 0.500        | U |
| 541-73-1   | 1,3-Dichlorobenzene                               | 1        | 0.500        | U |
| 106-46-7   | 1,4-Dichlorobenzene                               | 1        | 0.500        | U |
| 123-91-1   | 1,4-Dioxane                                       | 1        | 80.0         | U |
| 78-93-3    | 2-Butanone                                        | 1        | 0.500        | U |
| 591-78-6   | 2-Hexanone                                        | 1        | 0.500        | U |
| 108-10-1   | 4-Methyl-2-pentanone                              | 1        | 0.500        | U |
| 67-64-1    | Acetone                                           | 1        | 2.00         | U |
| 107-02-8   | Acrolein                                          | 1        | 0.500        | U |
| 107-13-1   | Acrylonitrile                                     | 1        | 0.500        | U |
| 71-43-2    | Benzene                                           | 1        | 0.500        | U |
| 74-97-5    | Bromochloromethane                                | 1        | 0.500        | U |
| 75-27-4    | Bromodichloromethane                              | 1        | 0.500        | U |
| 75-25-2    | Bromoform                                         | 1        | 0.500        | U |
| 74-83-9    | Bromomethane                                      | 1        | 0.500        | U |
| 75-15-0    | Carbon disulfide                                  | 1        | 0.500        | U |
| 56-23-5    | Carbon tetrachloride                              | 1        | 0.500        | U |
| 108-90-7   | Chlorobenzene                                     | 1        | 0.500        | U |
| 75-00-3    | Chloroethane                                      | 1        | 0.500        | U |
| 67-66-3    | Chloroform                                        | 1        | 0.500        | U |
| 74-87-3    | Chloromethane                                     | 1        | 0.500        | U |
| 156-59-2   | cis-1,2-Dichloroethylene                          | 1        | 2.41         |   |
| 10061-01-5 | cis-1,3-Dichloropropylene                         | 1        | 0.500        | U |
| 110-82-7   | Cyclohexane                                       | 1        | 0.500        | U |

Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
 Matrix: Water Laboratory ID: 21K0471-02 File ID: V10C008520.D  
 Sampled: 11/09/21 11:38 Prepared: 11/17/21 09:00 Analyzed: 11/17/21 17:33  
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
 Batch: BK11900 Sequence: Y1K1726 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.     | COMPOUND                       | DILUTION | CONC. (ug/L) | Q |
|-------------|--------------------------------|----------|--------------|---|
| 124-48-1    | Dibromochloromethane           | 1        | 0.500        | U |
| 74-95-3     | Dibromomethane                 | 1        | 0.500        | U |
| 75-71-8     | Dichlorodifluoromethane        | 1        | 0.500        | U |
| 100-41-4    | Ethyl Benzene                  | 1        | 0.500        | U |
| 87-68-3     | Hexachlorobutadiene            | 1        | 0.500        | U |
| 98-82-8     | Isopropylbenzene               | 1        | 0.500        | U |
| 79-20-9     | Methyl acetate                 | 1        | 0.500        | U |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | 1        | 0.500        | U |
| 108-87-2    | Methylcyclohexane              | 1        | 0.500        | U |
| 75-09-2     | Methylene chloride             | 1        | 2.00         | U |
| 104-51-8    | n-Butylbenzene                 | 1        | 0.500        | U |
| 103-65-1    | n-Propylbenzene                | 1        | 0.500        | U |
| 95-47-6     | o-Xylene                       | 1        | 0.500        | U |
| 179601-23-1 | p- & m- Xylenes                | 1        | 1.00         | U |
| 99-87-6     | p-Isopropyltoluene             | 1        | 0.500        | U |
| 135-98-8    | sec-Butylbenzene               | 1        | 0.500        | U |
| 100-42-5    | Styrene                        | 1        | 0.500        | U |
| 75-65-0     | tert-Butyl alcohol (TBA)       | 1        | 1.00         | U |
| 98-06-6     | tert-Butylbenzene              | 1        | 0.500        | U |
| 127-18-4    | Tetrachloroethylene            | 1        | 0.500        | U |
| 108-88-3    | Toluene                        | 1        | 0.500        | U |
| 156-60-5    | trans-1,2-Dichloroethylene     | 1        | 0.500        | U |
| 10061-02-6  | trans-1,3-Dichloropropylene    | 1        | 0.500        | U |
| 79-01-6     | Trichloroethylene              | 1        | 1.86         |   |
| 75-69-4     | Trichlorofluoromethane         | 1        | 0.500        | U |
| 75-01-4     | Vinyl Chloride                 | 1        | 0.500        | U |
| 1330-20-7   | Xylenes, Total                 | 1        | 1.50         | U |

| SYSTEM MONITORING COMPOUND  | ADDED (ug/L) | CONC (ug/L) | % REC | QC LIMITS | Q |
|-----------------------------|--------------|-------------|-------|-----------|---|
| SURR: 1,2-Dichloroethane-d4 | 10.0         | 10.4        | 104   | 70 - 130  |   |
| SURR: Toluene-d8            | 10.0         | 9.96        | 99.6  | 70 - 130  |   |
| SURR: p-Bromofluorobenzene  | 10.0         | 10.3        | 103   | 70 - 130  |   |

\* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
 Matrix: Water Laboratory ID: 21K0471-03 File ID: V10C008521.D  
 Sampled: 11/09/21 10:53 Prepared: 11/17/21 09:00 Analyzed: 11/17/21 18:00  
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
 Batch: BK11900 Sequence: Y1K1726 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.    | COMPOUND                                          | DILUTION | CONC. (ug/L) | Q |
|------------|---------------------------------------------------|----------|--------------|---|
| 630-20-6   | 1,1,1,2-Tetrachloroethane                         | 1        | 0.500        | U |
| 71-55-6    | 1,1,1-Trichloroethane                             | 1        | 0.500        | U |
| 79-34-5    | 1,1,2,2-Tetrachloroethane                         | 1        | 0.500        | U |
| 76-13-1    | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 1        | 0.500        | U |
| 79-00-5    | 1,1,2-Trichloroethane                             | 1        | 0.500        | U |
| 75-34-3    | 1,1-Dichloroethane                                | 1        | 0.370        | J |
| 75-35-4    | 1,1-Dichloroethylene                              | 1        | 0.320        | J |
| 87-61-6    | 1,2,3-Trichlorobenzene                            | 1        | 0.500        | U |
| 96-18-4    | 1,2,3-Trichloropropane                            | 1        | 0.500        | U |
| 120-82-1   | 1,2,4-Trichlorobenzene                            | 1        | 0.500        | U |
| 95-63-6    | 1,2,4-Trimethylbenzene                            | 1        | 0.500        | U |
| 96-12-8    | 1,2-Dibromo-3-chloropropane                       | 1        | 0.500        | U |
| 106-93-4   | 1,2-Dibromoethane                                 | 1        | 0.500        | U |
| 95-50-1    | 1,2-Dichlorobenzene                               | 1        | 0.500        | U |
| 107-06-2   | 1,2-Dichloroethane                                | 1        | 0.500        | U |
| 78-87-5    | 1,2-Dichloropropane                               | 1        | 0.500        | U |
| 108-67-8   | 1,3,5-Trimethylbenzene                            | 1        | 0.500        | U |
| 541-73-1   | 1,3-Dichlorobenzene                               | 1        | 0.500        | U |
| 106-46-7   | 1,4-Dichlorobenzene                               | 1        | 0.500        | U |
| 123-91-1   | 1,4-Dioxane                                       | 1        | 80.0         | U |
| 78-93-3    | 2-Butanone                                        | 1        | 0.500        | U |
| 591-78-6   | 2-Hexanone                                        | 1        | 0.500        | U |
| 108-10-1   | 4-Methyl-2-pentanone                              | 1        | 0.500        | U |
| 67-64-1    | Acetone                                           | 1        | 2.00         | U |
| 107-02-8   | Acrolein                                          | 1        | 0.500        | U |
| 107-13-1   | Acrylonitrile                                     | 1        | 0.500        | U |
| 71-43-2    | Benzene                                           | 1        | 0.500        | U |
| 74-97-5    | Bromochloromethane                                | 1        | 0.500        | U |
| 75-27-4    | Bromodichloromethane                              | 1        | 0.500        | U |
| 75-25-2    | Bromoform                                         | 1        | 0.500        | U |
| 74-83-9    | Bromomethane                                      | 1        | 0.500        | U |
| 75-15-0    | Carbon disulfide                                  | 1        | 0.500        | U |
| 56-23-5    | Carbon tetrachloride                              | 1        | 0.500        | U |
| 108-90-7   | Chlorobenzene                                     | 1        | 0.500        | U |
| 75-00-3    | Chloroethane                                      | 1        | 0.500        | U |
| 67-66-3    | Chloroform                                        | 1        | 0.500        | U |
| 74-87-3    | Chloromethane                                     | 1        | 0.500        | U |
| 156-59-2   | cis-1,2-Dichloroethylene                          | 1        | 27.0         |   |
| 10061-01-5 | cis-1,3-Dichloropropylene                         | 1        | 0.500        | U |
| 110-82-7   | Cyclohexane                                       | 1        | 0.500        | U |

Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
 Matrix: Water Laboratory ID: 21K0471-03 File ID: V10C008521.D  
 Sampled: 11/09/21 10:53 Prepared: 11/17/21 09:00 Analyzed: 11/17/21 18:00  
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
 Batch: BK11900 Sequence: Y1K1726 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.     | COMPOUND                       | DILUTION | CONC. (ug/L) | Q |
|-------------|--------------------------------|----------|--------------|---|
| 124-48-1    | Dibromochloromethane           | 1        | 0.500        | U |
| 74-95-3     | Dibromomethane                 | 1        | 0.500        | U |
| 75-71-8     | Dichlorodifluoromethane        | 1        | 0.500        | U |
| 100-41-4    | Ethyl Benzene                  | 1        | 0.500        | U |
| 87-68-3     | Hexachlorobutadiene            | 1        | 0.500        | U |
| 98-82-8     | Isopropylbenzene               | 1        | 0.500        | U |
| 79-20-9     | Methyl acetate                 | 1        | 0.500        | U |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | 1        | 0.500        | U |
| 108-87-2    | Methylcyclohexane              | 1        | 0.500        | U |
| 75-09-2     | Methylene chloride             | 1        | 2.00         | U |
| 104-51-8    | n-Butylbenzene                 | 1        | 0.500        | U |
| 103-65-1    | n-Propylbenzene                | 1        | 0.500        | U |
| 95-47-6     | o-Xylene                       | 1        | 0.500        | U |
| 179601-23-1 | p- & m- Xylenes                | 1        | 1.00         | U |
| 99-87-6     | p-Isopropyltoluene             | 1        | 0.500        | U |
| 135-98-8    | sec-Butylbenzene               | 1        | 0.500        | U |
| 100-42-5    | Styrene                        | 1        | 0.500        | U |
| 75-65-0     | tert-Butyl alcohol (TBA)       | 1        | 1.00         | U |
| 98-06-6     | tert-Butylbenzene              | 1        | 0.500        | U |
| 127-18-4    | Tetrachloroethylene            | 1        | 0.500        | U |
| 108-88-3    | Toluene                        | 1        | 0.500        | U |
| 156-60-5    | trans-1,2-Dichloroethylene     | 1        | 0.440        | J |
| 10061-02-6  | trans-1,3-Dichloropropylene    | 1        | 0.500        | U |
| 79-01-6     | Trichloroethylene              | 1        | 68.6         |   |
| 75-69-4     | Trichlorofluoromethane         | 1        | 0.500        | U |
| 75-01-4     | Vinyl Chloride                 | 1        | 0.500        | U |
| 1330-20-7   | Xylenes, Total                 | 1        | 1.50         | U |

| SYSTEM MONITORING COMPOUND | ADDED (ug/L) | CONC (ug/L) | % REC | QC LIMITS | Q |
|----------------------------|--------------|-------------|-------|-----------|---|
| SURR: Toluene-d8           | 10.0         | 9.91        | 99.1  | 70 - 130  |   |

\* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
 Matrix: Water Laboratory ID: 21K0471-04 File ID: V10C008522.D  
 Sampled: 11/09/21 12:25 Prepared: 11/17/21 09:00 Analyzed: 11/17/21 18:26  
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
 Batch: BK11900 Sequence: Y1K1726 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.    | COMPOUND                                          | DILUTION | CONC. (ug/L) | Q |
|------------|---------------------------------------------------|----------|--------------|---|
| 630-20-6   | 1,1,1,2-Tetrachloroethane                         | 1        | 0.500        | U |
| 71-55-6    | 1,1,1-Trichloroethane                             | 1        | 1.81         |   |
| 79-34-5    | 1,1,2,2-Tetrachloroethane                         | 1        | 0.500        | U |
| 76-13-1    | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 1        | 0.500        | U |
| 79-00-5    | 1,1,2-Trichloroethane                             | 1        | 0.500        | U |
| 75-34-3    | 1,1-Dichloroethane                                | 1        | 4.38         |   |
| 75-35-4    | 1,1-Dichloroethylene                              | 1        | 0.500        | U |
| 87-61-6    | 1,2,3-Trichlorobenzene                            | 1        | 0.500        | U |
| 96-18-4    | 1,2,3-Trichloropropane                            | 1        | 0.500        | U |
| 120-82-1   | 1,2,4-Trichlorobenzene                            | 1        | 0.500        | U |
| 95-63-6    | 1,2,4-Trimethylbenzene                            | 1        | 0.500        | U |
| 96-12-8    | 1,2-Dibromo-3-chloropropane                       | 1        | 0.500        | U |
| 106-93-4   | 1,2-Dibromoethane                                 | 1        | 0.500        | U |
| 95-50-1    | 1,2-Dichlorobenzene                               | 1        | 0.500        | U |
| 107-06-2   | 1,2-Dichloroethane                                | 1        | 0.500        | U |
| 78-87-5    | 1,2-Dichloropropane                               | 1        | 0.500        | U |
| 108-67-8   | 1,3,5-Trimethylbenzene                            | 1        | 0.500        | U |
| 541-73-1   | 1,3-Dichlorobenzene                               | 1        | 0.500        | U |
| 106-46-7   | 1,4-Dichlorobenzene                               | 1        | 0.500        | U |
| 123-91-1   | 1,4-Dioxane                                       | 1        | 80.0         | U |
| 78-93-3    | 2-Butanone                                        | 1        | 0.500        | U |
| 591-78-6   | 2-Hexanone                                        | 1        | 0.500        | U |
| 108-10-1   | 4-Methyl-2-pentanone                              | 1        | 0.500        | U |
| 67-64-1    | Acetone                                           | 1        | 2.00         | U |
| 107-02-8   | Acrolein                                          | 1        | 0.500        | U |
| 107-13-1   | Acrylonitrile                                     | 1        | 0.500        | U |
| 71-43-2    | Benzene                                           | 1        | 0.210        | J |
| 74-97-5    | Bromochloromethane                                | 1        | 0.500        | U |
| 75-27-4    | Bromodichloromethane                              | 1        | 0.500        | U |
| 75-25-2    | Bromoform                                         | 1        | 0.500        | U |
| 74-83-9    | Bromomethane                                      | 1        | 0.500        | U |
| 75-15-0    | Carbon disulfide                                  | 1        | 0.500        | U |
| 56-23-5    | Carbon tetrachloride                              | 1        | 0.500        | U |
| 108-90-7   | Chlorobenzene                                     | 1        | 0.500        | U |
| 75-00-3    | Chloroethane                                      | 1        | 0.500        | U |
| 67-66-3    | Chloroform                                        | 1        | 0.240        | J |
| 74-87-3    | Chloromethane                                     | 1        | 0.500        | U |
| 156-59-2   | cis-1,2-Dichloroethylene                          | 1        | 13.3         |   |
| 10061-01-5 | cis-1,3-Dichloropropylene                         | 1        | 0.500        | U |
| 110-82-7   | Cyclohexane                                       | 1        | 0.500        | U |



Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
 Matrix: Water Laboratory ID: 21K0471-04 File ID: V10C008522.D  
 Sampled: 11/09/21 12:25 Prepared: 11/17/21 09:00 Analyzed: 11/17/21 18:26  
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
 Batch: BK11900 Sequence: Y1K1726 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.     | COMPOUND                       | DILUTION | CONC. (ug/L) | Q |
|-------------|--------------------------------|----------|--------------|---|
| 124-48-1    | Dibromochloromethane           | 1        | 0.500        | U |
| 74-95-3     | Dibromomethane                 | 1        | 0.500        | U |
| 75-71-8     | Dichlorodifluoromethane        | 1        | 0.500        | U |
| 100-41-4    | Ethyl Benzene                  | 1        | 0.500        | U |
| 87-68-3     | Hexachlorobutadiene            | 1        | 0.500        | U |
| 98-82-8     | Isopropylbenzene               | 1        | 0.500        | U |
| 79-20-9     | Methyl acetate                 | 1        | 0.500        | U |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | 1        | 0.500        | U |
| 108-87-2    | Methylcyclohexane              | 1        | 0.500        | U |
| 75-09-2     | Methylene chloride             | 1        | 2.00         | U |
| 104-51-8    | n-Butylbenzene                 | 1        | 0.500        | U |
| 103-65-1    | n-Propylbenzene                | 1        | 0.500        | U |
| 95-47-6     | o-Xylene                       | 1        | 0.500        | U |
| 179601-23-1 | p- & m- Xylenes                | 1        | 1.00         | U |
| 99-87-6     | p-Isopropyltoluene             | 1        | 0.500        | U |
| 135-98-8    | sec-Butylbenzene               | 1        | 0.500        | U |
| 100-42-5    | Styrene                        | 1        | 0.500        | U |
| 75-65-0     | tert-Butyl alcohol (TBA)       | 1        | 1.00         | U |
| 98-06-6     | tert-Butylbenzene              | 1        | 0.500        | U |
| 127-18-4    | Tetrachloroethylene            | 1        | 0.500        | U |
| 108-88-3    | Toluene                        | 1        | 0.500        | U |
| 156-60-5    | trans-1,2-Dichloroethylene     | 1        | 0.530        |   |
| 10061-02-6  | trans-1,3-Dichloropropylene    | 1        | 0.500        | U |
| 79-01-6     | Trichloroethylene              | 1        | 47.8         |   |
| 75-69-4     | Trichlorofluoromethane         | 1        | 0.500        | U |
| 75-01-4     | Vinyl Chloride                 | 1        | 0.500        | U |
| 1330-20-7   | Xylenes, Total                 | 1        | 1.50         | U |

\* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
 Matrix: Water Laboratory ID: 21K0471-05 File ID: V10C008557.D  
 Sampled: 11/09/21 15:00 Prepared: 11/18/21 09:00 Analyzed: 11/18/21 15:12  
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
 Batch: BK11974 Sequence: Y1K1835 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.    | COMPOUND                                          | DILUTION | CONC. (ug/L) | Q |
|------------|---------------------------------------------------|----------|--------------|---|
| 630-20-6   | 1,1,1,2-Tetrachloroethane                         | 5        | 2.50         | U |
| 71-55-6    | 1,1,1-Trichloroethane                             | 5        | 2.50         | U |
| 79-34-5    | 1,1,2,2-Tetrachloroethane                         | 5        | 2.50         | U |
| 76-13-1    | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 5        | 2.50         | U |
| 79-00-5    | 1,1,2-Trichloroethane                             | 5        | 2.50         | U |
| 75-34-3    | 1,1-Dichloroethane                                | 5        | 16.4         | D |
| 75-35-4    | 1,1-Dichloroethylene                              | 5        | 73.0         | D |
| 87-61-6    | 1,2,3-Trichlorobenzene                            | 5        | 2.50         | U |
| 96-18-4    | 1,2,3-Trichloropropane                            | 5        | 2.50         | U |
| 120-82-1   | 1,2,4-Trichlorobenzene                            | 5        | 2.50         | U |
| 95-63-6    | 1,2,4-Trimethylbenzene                            | 5        | 2.50         | U |
| 96-12-8    | 1,2-Dibromo-3-chloropropane                       | 5        | 2.50         | U |
| 106-93-4   | 1,2-Dibromoethane                                 | 5        | 2.50         | U |
| 95-50-1    | 1,2-Dichlorobenzene                               | 5        | 2.50         | U |
| 107-06-2   | 1,2-Dichloroethane                                | 5        | 2.50         | U |
| 78-87-5    | 1,2-Dichloropropane                               | 5        | 2.50         | U |
| 108-67-8   | 1,3,5-Trimethylbenzene                            | 5        | 2.50         | U |
| 541-73-1   | 1,3-Dichlorobenzene                               | 5        | 2.50         | U |
| 106-46-7   | 1,4-Dichlorobenzene                               | 5        | 2.50         | U |
| 123-91-1   | 1,4-Dioxane                                       | 5        | 400          | U |
| 78-93-3    | 2-Butanone                                        | 5        | 2.50         | U |
| 591-78-6   | 2-Hexanone                                        | 5        | 2.50         | U |
| 108-10-1   | 4-Methyl-2-pentanone                              | 5        | 2.50         | U |
| 67-64-1    | Acetone                                           | 5        | 10.0         | U |
| 107-02-8   | Acrolein                                          | 5        | 2.50         | U |
| 107-13-1   | Acrylonitrile                                     | 5        | 2.50         | U |
| 71-43-2    | Benzene                                           | 5        | 2.50         | U |
| 74-97-5    | Bromochloromethane                                | 5        | 2.50         | U |
| 75-27-4    | Bromodichloromethane                              | 5        | 2.50         | U |
| 75-25-2    | Bromoform                                         | 5        | 2.50         | U |
| 74-83-9    | Bromomethane                                      | 5        | 2.50         | U |
| 75-15-0    | Carbon disulfide                                  | 5        | 2.50         | U |
| 56-23-5    | Carbon tetrachloride                              | 5        | 2.50         | U |
| 108-90-7   | Chlorobenzene                                     | 5        | 2.50         | U |
| 75-00-3    | Chloroethane                                      | 5        | 2.50         | U |
| 67-66-3    | Chloroform                                        | 5        | 2.50         | U |
| 74-87-3    | Chloromethane                                     | 5        | 2.50         | U |
| 10061-01-5 | cis-1,3-Dichloropropylene                         | 5        | 2.50         | U |
| 110-82-7   | Cyclohexane                                       | 5        | 2.50         | U |
| 124-48-1   | Dibromochloromethane                              | 5        | 2.50         | U |

Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
 Matrix: Water Laboratory ID: 21K0471-05 File ID: V10C008557.D  
 Sampled: 11/09/21 15:00 Prepared: 11/18/21 09:00 Analyzed: 11/18/21 15:12  
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
 Batch: BK11974 Sequence: Y1K1835 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.     | COMPOUND                       | DILUTION | CONC. (ug/L) | Q  |
|-------------|--------------------------------|----------|--------------|----|
| 74-95-3     | Dibromomethane                 | 5        | 2.50         | U  |
| 75-71-8     | Dichlorodifluoromethane        | 5        | 2.50         | U  |
| 100-41-4    | Ethyl Benzene                  | 5        | 2.50         | U  |
| 87-68-3     | Hexachlorobutadiene            | 5        | 2.50         | U  |
| 98-82-8     | Isopropylbenzene               | 5        | 2.50         | U  |
| 79-20-9     | Methyl acetate                 | 5        | 2.50         | U  |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | 5        | 2.50         | U  |
| 108-87-2    | Methylcyclohexane              | 5        | 2.50         | U  |
| 75-09-2     | Methylene chloride             | 5        | 15.6         | D  |
| 104-51-8    | n-Butylbenzene                 | 5        | 2.50         | U  |
| 103-65-1    | n-Propylbenzene                | 5        | 2.50         | U  |
| 95-47-6     | o-Xylene                       | 5        | 2.50         | U  |
| 179601-23-1 | p- & m- Xylenes                | 5        | 5.00         | U  |
| 99-87-6     | p-Isopropyltoluene             | 5        | 2.50         | U  |
| 135-98-8    | sec-Butylbenzene               | 5        | 2.50         | U  |
| 100-42-5    | Styrene                        | 5        | 2.50         | U  |
| 75-65-0     | tert-Butyl alcohol (TBA)       | 5        | 5.00         | U  |
| 98-06-6     | tert-Butylbenzene              | 5        | 2.50         | U  |
| 127-18-4    | Tetrachloroethylene            | 5        | 2.50         | U  |
| 108-88-3    | Toluene                        | 5        | 1.15         | JD |
| 10061-02-6  | trans-1,3-Dichloropropylene    | 5        | 2.50         | U  |
| 75-69-4     | Trichlorofluoromethane         | 5        | 2.50         | U  |
| 1330-20-7   | Xylenes, Total                 | 5        | 7.50         | U  |

| SYSTEM MONITORING COMPOUND  | ADDED (ug/L) | CONC (ug/L) | % REC | QC LIMITS | Q |
|-----------------------------|--------------|-------------|-------|-----------|---|
| SURR: 1,2-Dichloroethane-d4 | 10.0         | 10.4        | 104   | 70 - 130  |   |
| SURR: Toluene-d8            | 10.0         | 10.0        | 100   | 70 - 130  |   |
| SURR: p-Bromofluorobenzene  | 10.0         | 10.6        | 106   | 70 - 130  |   |

\* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
 Matrix: Water Laboratory ID: 21K0471-05RE1 File ID: V10C008558.D  
 Sampled: 11/09/21 15:00 Prepared: 11/18/21 09:00 Analyzed: 11/18/21 15:38  
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
 Batch: BK11974 Sequence: Y1K1835 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.  | COMPOUND                   | DILUTION | CONC. (ug/L) | Q |
|----------|----------------------------|----------|--------------|---|
| 156-60-5 | trans-1,2-Dichloroethylene | 100      | 778          | D |
| 75-01-4  | Vinyl Chloride             | 100      | 4320         | D |

| SYSTEM MONITORING COMPOUND  | ADDED (ug/L) | CONC (ug/L) | % REC | QC LIMITS | Q |
|-----------------------------|--------------|-------------|-------|-----------|---|
| SURR: 1,2-Dichloroethane-d4 | 10.0         | 10.3        | 103   | 70 - 130  | D |
| SURR: Toluene-d8            | 10.0         | 9.99        | 99.9  | 70 - 130  | D |
| SURR: p-Bromofluorobenzene  | 10.0         | 10.4        | 104   | 70 - 130  | D |

\* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
Matrix: Water Laboratory ID: 21K0471-05RE2 File ID: V10C008559.D  
Sampled: 11/09/21 15:00 Prepared: 11/18/21 09:00 Analyzed: 11/18/21 16:05  
Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
Batch: BK11974 Sequence: Y1K1835 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.  | COMPOUND                 | DILUTION | CONC. (ug/L) | Q |
|----------|--------------------------|----------|--------------|---|
| 156-59-2 | cis-1,2-Dichloroethylene | 500      | 36200        | D |
| 79-01-6  | Trichloroethylene        | 500      | 29600        | D |

| SYSTEM MONITORING COMPOUND  | ADDED (ug/L) | CONC (ug/L) | % REC | QC LIMITS | Q |
|-----------------------------|--------------|-------------|-------|-----------|---|
| SURR: 1,2-Dichloroethane-d4 | 10.0         | 9.78        | 97.8  | 70 - 130  | D |
| SURR: Toluene-d8            | 10.0         | 10.1        | 101   | 70 - 130  | D |
| SURR: p-Bromofluorobenzene  | 10.0         | 10.5        | 105   | 70 - 130  | D |

\* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
 Matrix: Water Laboratory ID: 21K0471-06 File ID: V10C008556.D  
 Sampled: 11/09/21 09:00 Prepared: 11/18/21 09:00 Analyzed: 11/18/21 14:45  
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
 Batch: BK11974 Sequence: Y1K1835 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.    | COMPOUND                                          | DILUTION | CONC. (ug/L) | Q |
|------------|---------------------------------------------------|----------|--------------|---|
| 630-20-6   | 1,1,1,2-Tetrachloroethane                         | 1        | 0.500        | U |
| 71-55-6    | 1,1,1-Trichloroethane                             | 1        | 0.500        | U |
| 79-34-5    | 1,1,2,2-Tetrachloroethane                         | 1        | 0.500        | U |
| 76-13-1    | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 1        | 0.500        | U |
| 79-00-5    | 1,1,2-Trichloroethane                             | 1        | 0.500        | U |
| 75-34-3    | 1,1-Dichloroethane                                | 1        | 0.500        | U |
| 75-35-4    | 1,1-Dichloroethylene                              | 1        | 0.500        | U |
| 87-61-6    | 1,2,3-Trichlorobenzene                            | 1        | 0.500        | U |
| 96-18-4    | 1,2,3-Trichloropropane                            | 1        | 0.500        | U |
| 120-82-1   | 1,2,4-Trichlorobenzene                            | 1        | 0.500        | U |
| 95-63-6    | 1,2,4-Trimethylbenzene                            | 1        | 0.500        | U |
| 96-12-8    | 1,2-Dibromo-3-chloropropane                       | 1        | 0.500        | U |
| 106-93-4   | 1,2-Dibromoethane                                 | 1        | 0.500        | U |
| 95-50-1    | 1,2-Dichlorobenzene                               | 1        | 0.500        | U |
| 107-06-2   | 1,2-Dichloroethane                                | 1        | 0.500        | U |
| 78-87-5    | 1,2-Dichloropropane                               | 1        | 0.500        | U |
| 108-67-8   | 1,3,5-Trimethylbenzene                            | 1        | 0.500        | U |
| 541-73-1   | 1,3-Dichlorobenzene                               | 1        | 0.500        | U |
| 106-46-7   | 1,4-Dichlorobenzene                               | 1        | 0.500        | U |
| 123-91-1   | 1,4-Dioxane                                       | 1        | 80.0         | U |
| 78-93-3    | 2-Butanone                                        | 1        | 0.500        | U |
| 591-78-6   | 2-Hexanone                                        | 1        | 0.500        | U |
| 108-10-1   | 4-Methyl-2-pentanone                              | 1        | 0.500        | U |
| 67-64-1    | Acetone                                           | 1        | 2.00         | U |
| 107-02-8   | Acrolein                                          | 1        | 0.500        | U |
| 107-13-1   | Acrylonitrile                                     | 1        | 0.500        | U |
| 71-43-2    | Benzene                                           | 1        | 0.500        | U |
| 74-97-5    | Bromochloromethane                                | 1        | 0.500        | U |
| 75-27-4    | Bromodichloromethane                              | 1        | 0.500        | U |
| 75-25-2    | Bromoform                                         | 1        | 0.500        | U |
| 74-83-9    | Bromomethane                                      | 1        | 0.500        | U |
| 75-15-0    | Carbon disulfide                                  | 1        | 0.500        | U |
| 56-23-5    | Carbon tetrachloride                              | 1        | 0.500        | U |
| 108-90-7   | Chlorobenzene                                     | 1        | 0.500        | U |
| 75-00-3    | Chloroethane                                      | 1        | 0.500        | U |
| 67-66-3    | Chloroform                                        | 1        | 0.500        | U |
| 74-87-3    | Chloromethane                                     | 1        | 0.500        | U |
| 156-59-2   | cis-1,2-Dichloroethylene                          | 1        | 0.500        | U |
| 10061-01-5 | cis-1,3-Dichloropropylene                         | 1        | 0.500        | U |
| 110-82-7   | Cyclohexane                                       | 1        | 0.500        | U |

Laboratory: York Analytical Laboratories, Inc. SDG: 21K0471  
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.20 KINGSTON CVS  
 Matrix: Water Laboratory ID: 21K0471-06 File ID: V10C008556.D  
 Sampled: 11/09/21 09:00 Prepared: 11/18/21 09:00 Analyzed: 11/18/21 14:45  
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL  
 Batch: BK11974 Sequence: Y1K1835 Calibration: YK10013 Instrument: VOA No. 10

| CAS NO.     | COMPOUND                       | DILUTION | CONC. (ug/L) | Q |
|-------------|--------------------------------|----------|--------------|---|
| 124-48-1    | Dibromochloromethane           | 1        | 0.500        | U |
| 74-95-3     | Dibromomethane                 | 1        | 0.500        | U |
| 75-71-8     | Dichlorodifluoromethane        | 1        | 0.500        | U |
| 100-41-4    | Ethyl Benzene                  | 1        | 0.500        | U |
| 87-68-3     | Hexachlorobutadiene            | 1        | 0.500        | U |
| 98-82-8     | Isopropylbenzene               | 1        | 0.500        | U |
| 79-20-9     | Methyl acetate                 | 1        | 0.500        | U |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | 1        | 0.500        | U |
| 108-87-2    | Methylcyclohexane              | 1        | 0.500        | U |
| 75-09-2     | Methylene chloride             | 1        | 2.25         |   |
| 104-51-8    | n-Butylbenzene                 | 1        | 0.500        | U |
| 103-65-1    | n-Propylbenzene                | 1        | 0.500        | U |
| 95-47-6     | o-Xylene                       | 1        | 0.500        | U |
| 179601-23-1 | p- & m- Xylenes                | 1        | 1.00         | U |
| 99-87-6     | p-Isopropyltoluene             | 1        | 0.500        | U |
| 135-98-8    | sec-Butylbenzene               | 1        | 0.500        | U |
| 100-42-5    | Styrene                        | 1        | 0.500        | U |
| 75-65-0     | tert-Butyl alcohol (TBA)       | 1        | 1.00         | U |
| 98-06-6     | tert-Butylbenzene              | 1        | 0.500        | U |
| 127-18-4    | Tetrachloroethylene            | 1        | 0.500        | U |
| 108-88-3    | Toluene                        | 1        | 0.500        | U |
| 156-60-5    | trans-1,2-Dichloroethylene     | 1        | 0.500        | U |
| 10061-02-6  | trans-1,3-Dichloropropylene    | 1        | 0.500        | U |
| 79-01-6     | Trichloroethylene              | 1        | 0.500        | U |
| 75-69-4     | Trichlorofluoromethane         | 1        | 0.500        | U |
| 75-01-4     | Vinyl Chloride                 | 1        | 0.500        | U |
| 1330-20-7   | Xylenes, Total                 | 1        | 1.50         | U |

| SYSTEM MONITORING COMPOUND  | ADDED (ug/L) | CONC (ug/L) | % REC | QC LIMITS | Q |
|-----------------------------|--------------|-------------|-------|-----------|---|
| SURR: 1,2-Dichloroethane-d4 | 10.0         | 9.99        | 99.9  | 70 - 130  |   |
| SURR: Toluene-d8            | 10.0         | 9.95        | 99.5  | 70 - 130  |   |
| SURR: p-Bromofluorobenzene  | 10.0         | 10.2        | 102   | 70 - 130  |   |

\* Values outside of QC limits

York Analytical Laboratories, Inc.

ASP A Deliverable

SDG: 21K0471

CLASS: METALS

METHOD: EPA 6010D



# DATA PACKAGE COVER PAGE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.

SDG: 21K0471

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.20 KINGSTON CVS

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**Client Sample Id:**

KC-MW-01 1121

**Lab Sample Id:**

21K0471-01

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:



Name:

Cassie L. Mosher

Date:

11/23/2021

Title:

Laboratory Manager

Laboratory: York Analytical Laboratories, Inc.SDG: 21K0471Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.20 KINGSTON CVSMatrix: WaterLaboratory ID: 21K0471-01File ID: QBI111521ARE 1-366Sampled: 11/09/21 13:33Prepared: 11/15/21 08:53Analyzed: 11/15/21 18:51Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BK11734

Sequence:

Y1K1611Calibration: UNASSIGNEDInstrument: WinLabICP

| CAS NO.   | Analyte   | Concentration (mg/L) | Dilution Factor | Q | Method    |
|-----------|-----------|----------------------|-----------------|---|-----------|
| 7440-36-0 | Antimony  | 0.028                | 1               | U | EPA 6010D |
| 7440-38-2 | Arsenic   | 0.026                | 1               |   | EPA 6010D |
| 7440-41-7 | Beryllium | 0.0006               | 1               | U | EPA 6010D |
| 7440-43-9 | Cadmium   | 0.003                | 1               | U | EPA 6010D |
| 7440-47-3 | Chromium  | 0.006                | 1               | U | EPA 6010D |
| 7440-50-8 | Copper    | 0.022                | 1               | U | EPA 6010D |
| 7439-92-1 | Lead      | 0.006                | 1               | U | EPA 6010D |
| 7440-02-0 | Nickel    | 0.327                | 1               |   | EPA 6010D |
| 7782-49-2 | Selenium  | 0.116                | 1               |   | EPA 6010D |
| 7440-22-4 | Silver    | 0.006                | 1               | U | EPA 6010D |
| 7440-28-0 | Thallium  | 0.028                | 1               | U | EPA 6010D |
| 7440-66-6 | Zinc      | 0.028                | 1               | U | EPA 6010D |

York Analytical Laboratories, Inc.

ASP A Deliverable

SDG: 21K0471

CLASS: METALS

METHOD: EPA 6020B

# DATA PACKAGE COVER PAGE

EPA 6020B

Laboratory: York Analytical Laboratories, Inc.

SDG: 21K0471

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.20 KINGSTON CVS

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**Client Sample Id:**

KC-MW-02 1121

KC-MW-05 1121

KC-FD-001 1121

**Lab Sample Id:**

21K0471-02

21K0471-03

21K0471-05

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Signature:



Name:

Cassie L. Mosher

Date:

11/23/2021

Title:

Laboratory Manager

Laboratory: York Analytical Laboratories, Inc.SDG: 21K0471Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.20 KINGSTON CVSMatrix: WaterLaboratory ID: 21K0471-02File ID: QBIMX111521B-046Sampled: 11/09/21 11:38Prepared: 11/15/21 07:56Analyzed: 11/15/21 16:34Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BK11735Sequence: Y1K1604Calibration: UNASSIGNEDInstrument: WinLabICP

| CAS NO.   | Analyte   | Concentration<br>(ug/L) | Dilution<br>Factor | Q | Method    |
|-----------|-----------|-------------------------|--------------------|---|-----------|
| 7440-36-0 | Antimony  | 1.11                    | 1                  | U | EPA 6020B |
| 7440-38-2 | Arsenic   | 1.11                    | 1                  | U | EPA 6020B |
| 7440-41-7 | Beryllium | 0.333                   | 1                  | U | EPA 6020B |
| 7440-43-9 | Cadmium   | 0.558                   | 1                  |   | EPA 6020B |
| 7440-47-3 | Chromium  | 1.11                    | 1                  | U | EPA 6020B |
| 7440-50-8 | Copper    | 3.55                    | 1                  |   | EPA 6020B |
| 7439-92-1 | Lead      | 1.11                    | 1                  | U | EPA 6020B |
| 7440-02-0 | Nickel    | 10.0                    | 1                  |   | EPA 6020B |
| 7782-49-2 | Selenium  | 2.08                    | 1                  |   | EPA 6020B |
| 7440-22-4 | Silver    | 1.11                    | 1                  | U | EPA 6020B |
| 7440-28-0 | Thallium  | 1.11                    | 1                  | U | EPA 6020B |
| 7440-66-6 | Zinc      | 19.6                    | 1                  | B | EPA 6020B |

Laboratory: York Analytical Laboratories, Inc.SDG: 21K0471Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.20 KINGSTON CVSMatrix: WaterLaboratory ID: 21K0471-03File ID: QBIMX111521B-047Sampled: 11/09/21 10:53Prepared: 11/15/21 07:56Analyzed: 11/15/21 16:38Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BK11735Sequence: Y1K1604Calibration: UNASSIGNEDInstrument: WinLabICP

| CAS NO.   | Analyte   | Concentration<br>(ug/L) | Dilution<br>Factor | Q | Method    |
|-----------|-----------|-------------------------|--------------------|---|-----------|
| 7440-36-0 | Antimony  | 1.13                    | 1                  |   | EPA 6020B |
| 7440-38-2 | Arsenic   | 3.65                    | 1                  |   | EPA 6020B |
| 7440-41-7 | Beryllium | 0.333                   | 1                  | U | EPA 6020B |
| 7440-43-9 | Cadmium   | 0.556                   | 1                  | U | EPA 6020B |
| 7440-47-3 | Chromium  | 1.11                    | 1                  | U | EPA 6020B |
| 7440-50-8 | Copper    | 2.65                    | 1                  |   | EPA 6020B |
| 7439-92-1 | Lead      | 1.11                    | 1                  | U | EPA 6020B |
| 7440-02-0 | Nickel    | 3.72                    | 1                  |   | EPA 6020B |
| 7782-49-2 | Selenium  | 1.11                    | 1                  | U | EPA 6020B |
| 7440-22-4 | Silver    | 1.11                    | 1                  | U | EPA 6020B |
| 7440-28-0 | Thallium  | 1.11                    | 1                  | U | EPA 6020B |
| 7440-66-6 | Zinc      | 20.0                    | 1                  | B | EPA 6020B |

Laboratory: York Analytical Laboratories, Inc.SDG: 21K0471Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.20 KINGSTON CVSMatrix: WaterLaboratory ID: 21K0471-05File ID: QBIMX111521B-048Sampled: 11/09/21 15:00Prepared: 11/15/21 07:56Analyzed: 11/15/21 16:41Solids: 0.00Preparation: EPA 3015AInitial/Final: 45 mL / 50 mLBatch: BK11735Sequence: Y1K1604Calibration: UNASSIGNEDInstrument: WinLabICP

| CAS NO.   | Analyte   | Concentration<br>(ug/L) | Dilution<br>Factor | Q | Method    |
|-----------|-----------|-------------------------|--------------------|---|-----------|
| 7440-36-0 | Antimony  | 1.11                    | 1                  | U | EPA 6020B |
| 7440-38-2 | Arsenic   | 24.8                    | 1                  |   | EPA 6020B |
| 7440-41-7 | Beryllium | 0.333                   | 1                  | U | EPA 6020B |
| 7440-43-9 | Cadmium   | 3.13                    | 1                  |   | EPA 6020B |
| 7440-47-3 | Chromium  | 4.85                    | 1                  |   | EPA 6020B |
| 7440-50-8 | Copper    | 2.43                    | 1                  |   | EPA 6020B |
| 7439-92-1 | Lead      | 1.11                    | 1                  | U | EPA 6020B |
| 7440-02-0 | Nickel    | 323                     | 1                  |   | EPA 6020B |
| 7782-49-2 | Selenium  | 1.11                    | 1                  | U | EPA 6020B |
| 7440-22-4 | Silver    | 1.11                    | 1                  | U | EPA 6020B |
| 7440-28-0 | Thallium  | 1.11                    | 1                  | U | EPA 6020B |
| 7440-66-6 | Zinc      | 20.0                    | 1                  | B | EPA 6020B |

York Analytical Laboratories, Inc.

ASP A Deliverable

SDG: 21K0471

CLASS: HG

METHOD: EPA 7470



# DATA PACKAGE COVER PAGE

EPA 7470

Laboratory: York Analytical Laboratories, Inc.

SDG: 21K0471

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.20 KINGSTON CVS

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**Client Sample Id:**

KC-MW-01 1121

KC-MW-02 1121

KC-MW-05 1121

KC-FD-001 1121

**Lab Sample Id:**

21K0471-01

21K0471-02

21K0471-03

21K0471-05

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:



Name:

Cassie L. Mosher

Date:

11/23/2021

Title:

Laboratory Manager

Laboratory: York Analytical Laboratories, Inc.SDG: 21K0471Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.20 KINGSTON CVSMatrix: WaterLaboratory ID: 21K0471-01File ID: QBHg11152021A.-079Sampled: 11/09/21 13:33Prepared: 11/15/21 18:20Analyzed: 11/15/21 18:20Solids: 0.00Preparation: EPA SW846-7470AInitial/Final: 100 mL / 100 mLBatch: BK11808

Sequence:

Calibration:

Instrument: Buck 410

| CAS NO.   | Analyte | Concentration<br>(mg/L) | Dilution<br>Factor | Q | Method   |
|-----------|---------|-------------------------|--------------------|---|----------|
| 7439-97-6 | Mercury | 0.0002                  | 1                  | U | EPA 7470 |

Laboratory: York Analytical Laboratories, Inc.SDG: 21K0471Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.20 KINGSTON CVSMatrix: WaterLaboratory ID: 21K0471-02File ID: QBHg11152021A.-080Sampled: 11/09/21 11:38Prepared: 11/15/21 18:20Analyzed: 11/15/21 18:20Solids: 0.00Preparation: EPA SW846-7470AInitial/Final: 100 mL / 100 mLBatch: BK11808

Sequence:

Calibration:

Instrument: Buck 410

| CAS NO.   | Analyte | Concentration<br>(mg/L) | Dilution<br>Factor | Q | Method   |
|-----------|---------|-------------------------|--------------------|---|----------|
| 7439-97-6 | Mercury | 0.0002                  | 1                  | U | EPA 7470 |

Laboratory: York Analytical Laboratories, Inc.SDG: 21K0471Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.20 KINGSTON CVSMatrix: WaterLaboratory ID: 21K0471-03File ID: QBHg11152021A.-081Sampled: 11/09/21 10:53Prepared: 11/15/21 18:20Analyzed: 11/15/21 18:20Solids: 0.00Preparation: EPA SW846-7470AInitial/Final: 100 mL / 100 mLBatch: BK11808

Sequence:

Calibration:

Instrument: Buck 410

| CAS NO.   | Analyte | Concentration<br>(mg/L) | Dilution<br>Factor | Q | Method   |
|-----------|---------|-------------------------|--------------------|---|----------|
| 7439-97-6 | Mercury | 0.0002                  | 1                  | U | EPA 7470 |

Laboratory: York Analytical Laboratories, Inc.SDG: 21K0471Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.20 KINGSTON CVSMatrix: WaterLaboratory ID: 21K0471-05File ID: QBHg11152021A.-082Sampled: 11/09/21 15:00Prepared: 11/15/21 18:20Analyzed: 11/15/21 18:20Solids: 0.00Preparation: EPA SW846-7470AInitial/Final: 100 mL / 100 mLBatch: BK11808

Sequence:

Calibration:

Instrument: Buck 410

| CAS NO.   | Analyte | Concentration<br>(mg/L) | Dilution<br>Factor | Q | Method   |
|-----------|---------|-------------------------|--------------------|---|----------|
| 7439-97-6 | Mercury | ND                      | 1                  |   | EPA 7470 |



## LABORATORY DATA CONSULTANTS, INC.

2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

LaBella Associates  
21 Fox Street  
Poughkeepsie, NY 12601  
ATTN: Mr. Eric Orlowski  
[eorlowski@labellapc.com](mailto:eorlowski@labellapc.com)

January 25, 2022

SUBJECT: Former Utility Platers/Kingston Diagnostics, Validation Report

Dear Mr. Orlowski,

Enclosed are the final validation reports for the fractions listed below. This SDG was received on December 17, 2021. Attachment 1 is a summary of the samples that were reviewed for each analysis.

**LDC Project #52967:**

| <b><u>SDG #</u></b> | <b><u>Fraction</u></b> |
|---------------------|------------------------|
| 21K0471             | Volatiles, Metals      |

The data validation was performed under Level II guidelines using quality control summaries provided by the laboratory. The analyses were validated using the following documents, as applicable to each method:

- USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (November 2020)
- USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (November 2020)
- EPA SW 846, Third Edition, Test Methods for Evaluating Solid Waste, update 1, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IIIA, April 1998; IIIB, November 2004; update IV, February 2007; update V, July 2014; update VI, July 2018

Please feel free to contact us if you have any questions.

Sincerely,

Christina Rink  
[crink@lab-data.com](mailto:crink@lab-data.com)  
Project Manager/Senior Chemist

Shaded cells indicate Level IV validation (all other cells are Level II validation). These sample counts do not include MS/MSD, and DUPs

**Laboratory Data Consultants, Inc.**  
**Data Validation Report**

**Project/Site Name:** Former Utility Platers/Kingston Diagnostics

**LDC Report Date:** January 25, 2022

**Parameters:** Volatiles

**Validation Level:** Level II

**Laboratory:** York Analytical Laboratories, Inc., Stratford, CT

**Sample Delivery Group (SDG):** 21K0471

| <b>Sample Identification</b> | <b>Laboratory Sample Identification</b> | <b>Matrix</b> | <b>Collection Date</b> |
|------------------------------|-----------------------------------------|---------------|------------------------|
| KC-MW-01 1121                | 21K0471-01                              | Water         | 11/09/21               |
| KC-MW-02 1121                | 21K0471-02                              | Water         | 11/09/21               |
| KC-MW-05 1121                | 21K0471-03                              | Water         | 11/09/21               |
| KC-MW-07 1121                | 21K0471-04                              | Water         | 11/09/21               |
| KC-FD-001 1121               | 21K0471-05                              | Water         | 11/09/21               |
| TRIP BLANK 1121              | 21K0471-06                              | Water         | 11/09/21               |



## Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (November 2020). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Volatile Organic Compounds (VOCs) by Environmental Protection Agency (EPA) SW 846 Method 8260C

All sample results were subjected to Level II data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

## **I. Sample Receipt and Technical Holding Times**

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

## **II. GC/MS Instrument Performance Check**

Instrument performance check data were not reviewed for Level II validation.

## **III. Initial Calibration and Initial Calibration Verification**

Initial calibration data were not reviewed for Level II validation.

## **IV. Continuing Calibration**

Continuing calibration data were not reviewed for Level II validation.

## **V. Laboratory Blanks**

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

## **VI. Field Blanks**

Sample TRIP BLANK 1121 was identified as a trip blank. No contaminants were found with the following exceptions:

| Blank ID        | Collection Date | Analyte            | Concentration | Associated Samples                                                                 |
|-----------------|-----------------|--------------------|---------------|------------------------------------------------------------------------------------|
| TRIP BLANK 1121 | 11/09/21        | Methylene chloride | 2.25 ug/L     | KC-MW-01 1121<br>KC-MW-02 1121<br>KC-MW-05 1121<br>KC-MW-07 1121<br>KC-FD-001 1121 |

Sample concentrations were compared to concentrations detected in the field blanks. The sample concentrations were either not detected or were significantly greater (>10X for common contaminants, >5X for other contaminants) than the concentrations found in the associated field blanks.

## **VII. Surrogates**

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits.

## VIII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

## IX. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method. Percent recoveries (%R) were within QC limits with the following exceptions:

| LCS ID<br>(Associated Samples)                                                         | Analyte                      | LCS<br>%R (Limits)             | LCSD<br>%R (Limits)          | Flag                                         | A or P |
|----------------------------------------------------------------------------------------|------------------------------|--------------------------------|------------------------------|----------------------------------------------|--------|
| BK11900-BS1/BSD1<br>(KC-MW-01 1121<br>KC-MW-02 1121<br>KC-MW-05 1121<br>KC-MW-07 1121) | Acetone<br>Tetrachloroethene | 38.3 (40-160)<br>53.8 (70-130) | -<br>51.7 (70-130)           | UJ (all non-detects)<br>UJ (all non-detects) | P      |
| BK11900-BS1/BSD1<br>(KC-MW-01 1121<br>KC-MW-02 1121<br>KC-MW-05 1121<br>KC-MW-07 1121) | Acrolein<br>1,4-Dioxane      | 308 (10-153)<br>-              | 347 (10-153)<br>161 (40-160) | NA                                           | -      |
| BK11974-BS1/BSD1<br>(KC-FD-001 1121<br>TRIP BLANK 1121)                                | Acetone<br>Tetrachloroethene | 39.0 (40-160)<br>55.1 (70-130) | -<br>53.2 (70-130)           | UJ (all non-detects)<br>UJ (all non-detects) | P      |
| BK11974-BS1/BSD1<br>(KC-FD-001 1121<br>TRIP BLANK 1121)                                | Acrolein<br>1,4-Dioxane      | 266 (10-153)<br>-              | 328 (10-153)<br>171 (40-160) | NA                                           | -      |

Relative percent differences (RPD) were within QC limits with the following exceptions:

| LCS ID<br>(Associated Samples)                          | Analyte     | RPD<br>(Limits) | Flag | A or P |
|---------------------------------------------------------|-------------|-----------------|------|--------|
| BK11974-BS1/BSD1<br>(KC-FD-001 1121<br>TRIP BLANK 1121) | 1,4-Dioxane | 39.2 (≤20)      | NA   | -      |

## X. Field Duplicates

Samples KC-MW-01 1121 and KC-FD-001 1121 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

| Analyte                  | Concentration (ug/L) |                | RPD            |
|--------------------------|----------------------|----------------|----------------|
|                          | KC-MW-01 1121        | KC-FD-001 1121 |                |
| 1,1-Dichloroethane       | 19.6                 | 16.4           | 18             |
| 1,1-Dichloroethene       | 119                  | 73.0           | 48             |
| Benzene                  | 3.15                 | 1.00U          | Not calculable |
| cis-1,2-Dichloroethene   | 40000                | 36200          | 10             |
| Ethylbenzene             | 1.10                 | 1.00U          | Not calculable |
| Methylene chloride       | 12.6                 | 15.6           | 21             |
| o-Xylene                 | 1.35                 | 1.00U          | Not calculable |
| m,p-Xylene               | 3.35                 | 2.50U          | Not calculable |
| Toluene                  | 5.20                 | 1.15           | 128            |
| trans-1,2-Dichloroethene | 708                  | 778            | 9              |
| Trichloroethene          | 29600                | 29600          | 0              |
| Vinyl chloride           | 3400                 | 4320           | 24             |
| Xylenes, total           | 4.70                 | 3.00U          | Not calculable |

#### **XI. Internal Standards**

Internal standards data were not reviewed for Level II validation.

#### **XII. Target Analyte Quantitation**

Raw data were not reviewed for Level II validation.

#### **XIII. Target Analyte Identification**

Raw data were not reviewed for Level II validation.

#### **XIV. System Performance**

Raw data were not reviewed for Level II validation.

## **XV. Overall Assessment of Data**

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to LCS/LCSD %R, data were qualified as estimated in six samples.

**Former Utility Platers/Kingston Diagnostics**  
**Volatiles - Data Qualification Summary - SDG 21K0471**

| Sample                                                                                                | Analyte                      | Flag                                         | A or P | Reason                             |
|-------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------|--------|------------------------------------|
| KC-MW-01 1121<br>KC-MW-02 1121<br>KC-MW-05 1121<br>KC-MW-07 1121<br>KC-FD-001 1121<br>TRIP BLANK 1121 | Acetone<br>Tetrachloroethene | UJ (all non-detects)<br>UJ (all non-detects) | P      | Laboratory control samples<br>(%R) |

**Former Utility Platers/Kingston Diagnostics**  
**Volatiles - Laboratory Blank Data Qualification Summary - SDG 21K0471**

No Sample Data Qualified in this SDG

**Former Utility Platers/Kingston Diagnostics**  
**Volatiles - Field Blank Data Qualification Summary - SDG 21K0471**

No Sample Data Qualified in this SDG

LDC #: 52967A1a

**VALIDATION COMPLETENESS WORKSHEET**

Date: 01/12/22

SDG #: 21K0471

Level II

Page: 1 of 1

Laboratory: York Analytical Laboratories, Inc., Stratford, CT

Reviewer: *SW*2nd Reviewer: *SW***METHOD:** GC/MS Volatiles (EPA SW-846 Method 8260C)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

|       | Validation Area                        |       | Comments |
|-------|----------------------------------------|-------|----------|
| I.    | Sample receipt/Technical holding times | A / A |          |
| II.   | GC/MS Instrument performance check     | N     |          |
| III.  | Initial calibration/ICV                | N/N   |          |
| IV.   | Continuing calibration                 | N     |          |
| V.    | Laboratory Blanks                      | A     |          |
| VI.   | Field blanks                           | SW    | TB = 6   |
| VII.  | Surrogate spikes                       | A     |          |
| VIII. | Matrix spike/Matrix spike duplicates   | N     |          |
| IX.   | Laboratory control samples             | SW    | les 10   |
| X.    | Field duplicates                       | SW    | D = 1/5  |
| XI.   | Internal standards                     | N     |          |
| XII.  | Target analyte quantitation            | N     |          |
| XIII. | Target analyte identification          | N     |          |
| XIV.  | System performance                     | N     |          |
| XV.   | Overall assessment of data             | A     |          |

Note: A = Acceptable  
N = Not provided/applicable  
SW = See worksheet

ND = No compounds detected  
R = Rinsate  
FB = Field blank

D = Duplicate  
TB = Trip blank  
EB = Equipment blank

SB=Source blank  
OTHER:

|   | Client ID       | Lab ID     | Matrix | Date     |
|---|-----------------|------------|--------|----------|
| 1 | KC-MW-01 1121   | 21K0471-01 | Water  | 11/09/21 |
| 2 | KC-MW-02 1121   | 21K0471-02 | Water  | 11/09/21 |
| 3 | KC-MW-05 1121   | 21K0471-03 | Water  | 11/09/21 |
| 4 | KC-MW-07 1121   | 21K0471-04 | Water  | 11/09/21 |
| 5 | KC-FD-001 1121  | 21K0471-05 | Water  | 11/09/21 |
| 6 | TRIP BLANK 1121 | 21K0471-06 | Water  | 11/09/21 |
| 7 |                 |            |        |          |
| 8 |                 |            |        |          |
| 9 |                 |            |        |          |

Notes:

|   |               |  |  |  |  |
|---|---------------|--|--|--|--|
| 1 | BK11900- BUKI |  |  |  |  |
| 2 | BK11974       |  |  |  |  |
|   |               |  |  |  |  |
|   |               |  |  |  |  |

# TARGET COMPOUND WORKSHEET

## METHOD: VOA

|                              |                                 |                                            |                                   |                            |     |
|------------------------------|---------------------------------|--------------------------------------------|-----------------------------------|----------------------------|-----|
| A. Chloromethane             | AA. Tetrachloroethene           | AAA. 1,3,5-Trimethylbenzene                | AAAA. Ethyl tert-butyl ether      | A1. 1,3-Butadiene          | A2. |
| B. Bromomethane              | BB. 1,1,2,2-Tetrachloroethane   | BBB. 4-Chlorotoluene                       | BBBB. tert-Amyl methyl ether      | B1. Hexane                 | B2. |
| C. Vinyl chloride            | CC. Toluene                     | CCC. tert-Butylbenzene                     | CCCC. 1-Chlorohexane              | C1. Heptane                | C2. |
| D. Chloroethane              | DD. Chlorobenzene               | DDD. 1,2,4-Trimethylbenzene                | DDDD. Isopropyl alcohol           | D1. Propylene              | D2. |
| E. Methylene chloride        | EE. Ethylbenzene                | EEE. sec-Butylbenzene                      | EEEE. Acetonitrile                | E1. Freon 11               | E2. |
| F. Acetone                   | FF. Styrene                     | FFF. 1,3-Dichlorobenzene                   | FFFF. Acrolein                    | F1. Freon 12               | F2. |
| G. Carbon disulfide          | GG. Xylenes, total              | GGG. p-Isopropyltoluene                    | GGGG. Acrylonitrile               | G1. Freon 113              | G2. |
| H. 1,1-Dichloroethene        | HH. Vinyl acetate               | HHH. 1,4-Dichlorobenzene                   | HHHH. 1,4-Dioxane                 | H1. Freon 114              | H2. |
| I. 1,1-Dichloroethane        | II. 2-Chloroethylvinyl ether    | III. n-Butylbenzene                        | IIII. Isobutyl alcohol            | I1. 2-Nitropropane         | I2. |
| J. 1,2-Dichloroethene, total | JJ. Dichlorodifluoromethane     | JJJ. 1,2-Dichlorobenzene                   | JJJJ. Methacrylonitrile           | J1. Dimethyl disulfide     | J2. |
| K. Chloroform                | KK. Trichlorofluoromethane      | KKK. 1,2,4-Trichlorobenzene                | KKKK. Propionitrile               | K1. 2,3-Dimethyl pentane   | K2. |
| L. 1,2-Dichloroethane        | LL. Methyl-tert-butyl ether     | LLL. Hexachlorobutadiene                   | LLLL. Ethyl ether                 | L1. 2,4-Dimethyl pentane   | L2. |
| M. 2-Butanone                | MM. 1,2-Dibromo-3-chloropropane | MMM. Naphthalene                           | MMMM. Benzyl chloride             | M1. 3,3-Dimethyl pentane   | M2. |
| N. 1,1,1-Trichloroethane     | NN. Methyl ethyl ketone         | NNN. 1,2,3-Trichlorobenzene                | NNNN. Iodomethane                 | N1. 2-Methylpentane        | N2. |
| O. Carbon tetrachloride      | OO. 2,2-Dichloropropane         | OOO. 1,3,5-Trichlorobenzene                | OOOO. 1,1-Difluoroethane          | O1. 3-Methylpentane        | O2. |
| P. Bromodichloromethane      | PP. Bromochloromethane          | PPP. trans-1,2-Dichloroethene              | PPPP. Tetrahydrofuran             | P1. 3-Ethylpentane         | P2. |
| Q. 1,2-Dichloropropane       | QQ. 1,1-Dichloropropene         | QQQ. cis-1,2-Dichloroethene                | QQQQ. Methyl acetate              | Q1. 2,2-Dimethylpentane    | Q2. |
| R. cis-1,3-Dichloropropene   | RR. Dibromomethane              | RRR. m,p-Xylenes                           | RRRR. Ethyl acetate               | R1. 2,2,3- Trimethylbutane | R2. |
| S. Trichloroethene           | SS. 1,3-Dichloropropane         | SSS. o-Xylene                              | SSSS. Cyclohexane                 | S1. 2,2,4-Trimethylpentane | S2. |
| T. Chlorodibromomethane      | TT. 1,2-Dibromoethane           | TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane | TTTT. Methylcyclohexane           | T1. 2-Methylhexane         | T2. |
| U. 1,1,2-Trichloroethane     | UU. 1,1,1,2-Tetrachloroethane   | UUU. 1,2-Dichlorotetrafluoroethane         | UUUU. Allyl chloride              | U1. Nonanal                | U2. |
| V. Benzene                   | VV. Isopropylbenzene            | VVV. 4-Ethyltoluene                        | VVVV. Methyl methacrylate         | V1. 2-Methylnaphthalene    | V2. |
| W. trans-1,3-Dichloropropene | WW. Bromobenzene                | WWW. Ethanol                               | WWWW. Ethyl methacrylate          | W1. Methanol               | W2. |
| X. Bromoform                 | XX. 1,2,3-Trichloropropane      | XXX. Di-isopropyl ether                    | XXXX. cis-1,4-Dichloro-2-butene   | X1. 1,2,3-Trimethylbenzene | X2. |
| Y. 4-Methyl-2-pentanone      | YY. n-Propylbenzene             | YYY. tert-Butanol                          | YYYY. trans-1,4-Dichloro-2-butene | Y1. 2-Propanol             | Y2. |
| Z. 2-Hexanone                | ZZ. 2-Chlorotoluene             | ZZZ. tert-Butyl alcohol                    | ZZZZ. Pentachloroethane           | Z1.                        | Z2. |



LDC #: 52967 A1a**VALIDATION FINDINGS WORKSHEET**  
**Field Blanks**Page: 1 of 1  
Reviewer: JVG

METHOD: GC/MS VOA (EPA SW 846 Method 8260C)

Y N N/A Were field blanks identified in this SDG?  
Y N N/A Were target compounds detected in the field blanks?

Blank units: ug/L Associated sample units: ug/LSampling date: 11/09/21Field blank type: (circle one) Field Blank / Rinsate / Trip Blank / Other: \_\_\_\_\_ Associated Samples: All except 6

| Compound | Blank ID    | Sample Identification |  |  |  |  |  |  |  |  |  |
|----------|-------------|-----------------------|--|--|--|--|--|--|--|--|--|
|          | <u>6</u>    |                       |  |  |  |  |  |  |  |  |  |
| <u>E</u> | <u>2.25</u> |                       |  |  |  |  |  |  |  |  |  |
|          |             |                       |  |  |  |  |  |  |  |  |  |
|          |             |                       |  |  |  |  |  |  |  |  |  |
|          |             |                       |  |  |  |  |  |  |  |  |  |
|          |             |                       |  |  |  |  |  |  |  |  |  |
|          |             |                       |  |  |  |  |  |  |  |  |  |
|          |             |                       |  |  |  |  |  |  |  |  |  |
|          |             |                       |  |  |  |  |  |  |  |  |  |
|          |             |                       |  |  |  |  |  |  |  |  |  |

Blank units: \_\_\_\_\_ Associated sample units: \_\_\_\_\_

Sampling date: \_\_\_\_\_

Field blank type: (circle one) Field Blank / Rinsate / Trip Blank / Other: \_\_\_\_\_ Associated Samples: \_\_\_\_\_

| Compound | Blank ID | Sample Identification |  |  |  |  |  |  |  |  |  |
|----------|----------|-----------------------|--|--|--|--|--|--|--|--|--|
|          |          |                       |  |  |  |  |  |  |  |  |  |
|          |          |                       |  |  |  |  |  |  |  |  |  |
|          |          |                       |  |  |  |  |  |  |  |  |  |
|          |          |                       |  |  |  |  |  |  |  |  |  |
|          |          |                       |  |  |  |  |  |  |  |  |  |
|          |          |                       |  |  |  |  |  |  |  |  |  |
|          |          |                       |  |  |  |  |  |  |  |  |  |
|          |          |                       |  |  |  |  |  |  |  |  |  |
|          |          |                       |  |  |  |  |  |  |  |  |  |
|          |          |                       |  |  |  |  |  |  |  |  |  |

Common contaminants such as Methylene chloride, Acetone, 2-Butanone and Carbon disulfide that were detected in samples within ten times the associated field blank concentration were qualified as not detected, "U". Other contaminants within five times the field blank concentration were also qualified as not detected, "U".

LDC #: 52967 A1a

## VALIDATION FINDINGS WORKSHEET

### Laboratory Control Samples (LCS)

Page: 1 of 1  
Reviewer: JVG

**METHOD:** GC/MS VOA (EPA SW 846 Method 8260C)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a LCS required?

Y (N) N/A Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?

[illegible]

METHOD: GCMS VOA (EPA SW-846 Method 8260C)

| Compound | Concentration (ug/L) |       | RPD |
|----------|----------------------|-------|-----|
|          | 1                    | 5     |     |
| I        | 19.6                 | 16.4  | 18  |
| H        | 119                  | 73.0  | 48  |
| V        | 3.15                 | 1.00U | NC  |
| QQQ      | 40000                | 36200 | 10  |
| EE       | 1.10                 | 1.00U | NC  |
| E        | 12.6                 | 15.6  | 21  |
| SSS      | 1.35                 | 1.00U | NC  |
| RRR      | 3.35                 | 2.50U | NC  |
| CC       | 5.20                 | 1.15  | 128 |
| PPP      | 708                  | 778   | 9   |
| S        | 29600                | 29600 | 0   |
| C        | 3400                 | 4320  | 24  |
| GG       | 4.70                 | 3.00U | NC  |

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**Laboratory Data Consultants, Inc.**  
**Data Validation Report**

**Project/Site Name:** Former Utility Platers/Kingston Diagnostics

**LDC Report Date:** January 25, 2022

**Parameters:** Metals

**Validation Level:** Level II

**Laboratory:** York Analytical Laboratories, Inc., Stratford, CT

**Sample Delivery Group (SDG):** 21K0471

| <b>Sample Identification</b> | <b>Laboratory Sample Identification</b> | <b>Matrix</b> | <b>Collection Date</b> |
|------------------------------|-----------------------------------------|---------------|------------------------|
| KC-MW-01 1121                | 21K0471-01                              | Water         | 11/09/21               |
| KC-MW-02 1121                | 21K0471-02                              | Water         | 11/09/21               |
| KC-MW-05 1121                | 21K0471-03                              | Water         | 11/09/21               |
| KC-FD-001 1121               | 21K0471-05                              | Water         | 11/09/21               |

## Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (November 2020). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Antimony, Arsenic, Beryllium, Cadmium, Chromium, Copper, Lead, Nickel, Selenium, Silver, Thallium, and Zinc by Environmental Protection Agency (EPA) SW 846 Method 6010D

Mercury by EPA SW 846 Method 7470

All sample results were subjected to Level II data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

## I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

## II. Instrument Calibration

Instrument calibration data were not reviewed for Level II validation.

## III. ICP Interference Check Sample Analysis

ICP Interference check sample (ICS) analysis data were not reviewed for Level II validation.

## IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks with the following exceptions:

| Blank ID        | Analyte | Maximum Concentration | Associated Samples                               |
|-----------------|---------|-----------------------|--------------------------------------------------|
| PB (prep blank) | Copper  | 2.59 mg/L             | KC-MW-02 1121<br>KC-MW-05 1121<br>KC-FD-001 1121 |

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks with the following exceptions:

| Sample         | Analyte | Reported Concentration | Modified Final Concentration |
|----------------|---------|------------------------|------------------------------|
| KC-MW-02 1121  | Copper  | 19.6 mg/L              | 19.6J mg/L                   |
| KC-MW-05 1121  | Copper  | 20.0 mg/L              | 20.0J mg/L                   |
| KC-FD-001 1121 | Copper  | 20.0 mg/L              | 20.0J mg/L                   |

## V. Field Blanks

No field blanks were identified in this SDG.

## VI. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

## VII. Duplicate Sample Analysis

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

## VIII. Serial Dilution

Serial dilution was not performed for this SDG.

## IX. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the methods. Percent recoveries (%R) were within QC limits with the following exceptions:

| LCS ID      | Analyte            | %R (Limits)                  | Associated Samples                               | Flag                                                                               | A or P |
|-------------|--------------------|------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------|--------|
| BK11734-BS1 | Selenium<br>Silver | 74.9 (80-120)<br>52 (80-120) | KC-MW-01 1121                                    | J (all detects)<br>UJ (all non-detects)<br>J (all detects)<br>UJ (all non-detects) | P      |
| BK11735-BS1 | Antimony           | 140 (80-120)                 | KC-MW-05 1121                                    | J (all detects)                                                                    | P      |
| BK11735-BS1 | Antimony           | 140 (80-120)                 | KC-MW-02 1121<br>KC-FD-001 1121                  | NA                                                                                 | -      |
| BK11735-BS1 | Cadmium            | 163 (80-120)                 | KC-MW-02 1121<br>KC-FD-001 1121                  | J (all detects)                                                                    | P      |
| BK11735-BS1 | Cadmium            | 163 (80-120)                 | KC-MW-05 1121                                    | NA                                                                                 | -      |
| BK11735-BS1 | Silver             | 812 (80-120)                 | KC-MW-02 1121<br>KC-MW-05 1121<br>KC-FD-001 1121 | NA                                                                                 | -      |

## X. Field Duplicates

Samples KC-MW-01 1121 and KC-FD-001 1121 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

| Analyte  | Concentration (mg/L) |                | RPD            |
|----------|----------------------|----------------|----------------|
|          | KC-MW-01 1121        | KC-FD-001 1121 |                |
| Arsenic  | 0.026                | 24.8           | 200            |
| Cadmium  | 0.003U               | 3.13           | Not calculable |
| Chromium | 0.006U               | 4.85           | Not calculable |
| Copper   | 0.022U               | 2.43           | Not calculable |
| Nickel   | 0.327                | 323            | 200            |
| Zinc     | 0.028U               | 20.0           | Not calculable |

## **XI. Target Analyte Quantitation**

Raw data were not reviewed for Level II validation.

## **XII. Overall Assessment of Data**

The analysis was conducted within all specifications of the methods. No results were rejected in this SDG.

Due to LCS %R, data were qualified as estimated in four samples.

Due to laboratory blank contamination, data were qualified as estimated in three samples.



**Former Utility Platers/Kingston Diagnostics  
Metals - Data Qualification Summary - SDG 21K0471**

| Sample                          | Analyte            | Flag                                                                               | A or P | Reason                          |
|---------------------------------|--------------------|------------------------------------------------------------------------------------|--------|---------------------------------|
| KC-MW-01 1121                   | Selenium<br>Silver | J (all detects)<br>UJ (all non-detects)<br>J (all detects)<br>UJ (all non-detects) | P      | Laboratory control samples (%R) |
| KC-MW-05 1121                   | Antimony           | J (all detects)                                                                    | P      | Laboratory control samples (%R) |
| KC-MW-02 1121<br>KC-FD-001 1121 | Cadmium            | J (all detects)                                                                    | P      | Laboratory control samples (%R) |

**Former Utility Platers/Kingston Diagnostics  
Metals - Laboratory Blank Data Qualification Summary - SDG 21K0471**

| Sample         | Analyte | Modified Final Concentration | A or P |
|----------------|---------|------------------------------|--------|
| KC-MW-02 1121  | Copper  | 19.6J mg/L                   | A      |
| KC-MW-05 1121  | Copper  | 20.0J mg/L                   | A      |
| KC-FD-001 1121 | Copper  | 20.0J mg/L                   | A      |

**Former Utility Platers/Kingston Diagnostics  
Metals - Field Blank Data Qualification Summary - SDG 21K0471**

No Sample Data Qualified in this SDG

LDC #: 52967A4b

**VALIDATION COMPLETENESS WORKSHEET**

SDG #: 21K0471

Level II

Laboratory: York Analytical Laboratories, Inc., Stratford, CT

Date: 11/10/22

Page: 1 of 1

Reviewer: [Signature]

2nd Reviewer: [Signature]

**METHOD:** Metals (EPA SW-846 Method 6010D/7470)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

|       | Validation Area                              |     | Comments |
|-------|----------------------------------------------|-----|----------|
| I.    | Sample receipt/Technical holding times       | A-A |          |
| II.   | Instrument Calibration                       | N   |          |
| III.  | ICP Interference Check Sample (ICS) Analysis | N   |          |
| IV.   | Laboratory Blanks                            | SW  |          |
| V.    | Field Blanks                                 | N   |          |
| VI.   | Matrix Spike/Matrix Spike Duplicates         | N   |          |
| VII.  | Duplicate sample analysis                    | N   |          |
| VIII. | Serial Dilution                              | N   |          |
| IX.   | Laboratory control samples                   | SW  | LCS      |
| X.    | Field Duplicates                             | SW  | (T, 4)   |
| XI.   | Target Analyte Quantitation                  | N   |          |
| XII.  | Overall Assessment of Data                   | A   |          |

Note: A = Acceptable  
N = Not provided/applicable  
SW = See worksheet

ND = No compounds detected  
R = Rinsate  
FB = Field blank

D = Duplicate  
TB = Trip blank  
EB = Equipment blank

SB=Source blank  
OTHER:

|    | Client ID                         | Lab ID     | Matrix | Date     |
|----|-----------------------------------|------------|--------|----------|
| 1  | KC-MW-01 1121<br><del>14121</del> | 21K0471-01 | Water  | 11/09/21 |
| 2  | KC-MW-02 14121                    | 21K0471-02 | Water  | 11/09/21 |
| 3  | KC-MW-05 14121                    | 21K0471-03 | Water  | 11/09/21 |
| 4  | KC-FD-001 14121                   | 21K0471-05 | Water  | 11/09/21 |
| 5  |                                   |            |        |          |
| 6  |                                   |            |        |          |
| 7  |                                   |            |        |          |
| 8  |                                   |            |        |          |
| 9  |                                   |            |        |          |
| 10 |                                   |            |        |          |
| 11 |                                   |            |        |          |
| 12 |                                   |            |        |          |
| 13 |                                   |            |        |          |
| 14 |                                   |            |        |          |
| 15 |                                   |            |        |          |

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Sample Specific Element Reference

Reviewer:CR

All elements are applicable to each sample as noted below.

| Sample ID | Target Analyte List                                |
|-----------|----------------------------------------------------|
| All       | Sb, As, Be, Cd, Cr, Cu, Pb, Ni, Se, Ag, Tl, Zn, Hg |
|           |                                                    |
|           |                                                    |
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|           |                                                    |

**Analysis Method**

|        |                                                |
|--------|------------------------------------------------|
| ICP    | Sb, As, Be, Cd, Cr, Cu, Pb, Ni, Se, Ag, Tl, Zn |
| ICP-MS |                                                |
| CVAA   | Hg                                             |

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)  
Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted:mg/L                      Associated Samples:2-4

|         |              |                               |                 | Sample Identification |       |       |  |  |  |  |  |
|---------|--------------|-------------------------------|-----------------|-----------------------|-------|-------|--|--|--|--|--|
| Analyte | PB<br>(mg/L) | Maximum<br>ICB/CCB<br>(units) | Action<br>Level |                       |       |       |  |  |  |  |  |
|         |              |                               |                 | 2                     | 3     | 4     |  |  |  |  |  |
| Cu      | 2.59         |                               | 25.9            | 19.6J                 | 20.0J | 20.0J |  |  |  |  |  |

A LCS was analyzed for each matrix at the required frequencies. All LCS percent recoveries (%R) were within the acceptable limits with the following exceptions:

Comments:

Comments:

Field Duplicates

Reviewer:CR

Method: Metals

| Analyte  | Concentration (mg/L) |      | RPD |
|----------|----------------------|------|-----|
|          | 1                    | 4    |     |
| Arsenic  | 0.026                | 24.8 | 200 |
| Cadmium  | 0.003U               | 3.13 | NC  |
| Chromium | 0.006U               | 4.85 | NC  |
| Copper   | 0.022U               | 2.43 | NC  |
| Nickel   | 0.327                | 323  | 200 |
| Zinc     | 0.028U               | 20.0 | NC  |



# Technical Report

prepared for:

**LaBella Associates (Poughkeepsie)**

21 Fox Street

Poughkeepsie NY, 12601

**Attention: Eric Orlowski**

Report Date: 04/14/2022

**Client Project ID: CZ41103.20/100 KINGSTON CVS-ANNUAL**

York Project (SDG) No.: 22D0137

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  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371



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

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

**LaBella Associates (Poughkeepsie)**

21 Fox Street  
Poughkeepsie NY, 12601  
Attention: Eric Orlowski

---

## 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 April 05, 2022 and listed below. The project was identified as your project: **CZ41103.20/100 KINGSTON CVS-ANNUAL**.

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> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 22D0137-01            | KC-MW-01 0422           | Water         | 04/04/2022            | 04/05/2022           |
| 22D0137-02            | KC-MW-02 0422           | Water         | 04/04/2022            | 04/05/2022           |
| 22D0137-03            | KC-MW-05 0422           | Water         | 04/04/2022            | 04/05/2022           |
| 22D0137-04            | KC-MW-07 0422           | Water         | 04/04/2022            | 04/05/2022           |
| 22D0137-05            | KC-FD-001 0422          | Water         | 04/04/2022            | 04/05/2022           |
| 22D0137-06            | TRIP BLANK 0422         | Water         | 04/03/2022            | 04/05/2022           |



## **General Notes for York Project (SDG) No.: 22D0137**

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

**Approved By:**



**Date:** 04/14/2022

Cassie L. Mosher  
Laboratory Manager





## Sample Information

**Client Sample ID:** KC-MW-01 0422

**York Sample ID:** 22D0137-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 8:07 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 75-35-4  | <b>1,1-Dichloroethylene</b>                          | <b>8.25</b> |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 123-91-1 | 1,4-Dioxane                                          | ND          |      | ug/L  | 1000                   | 2000 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 78-93-3  | <b>2-Butanone</b>                                    | <b>264</b>  |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |



## Sample Information

**Client Sample ID:** KC-MW-01 0422

**York Sample ID:** 22D0137-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 8:07 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|------------|---------------------------------|-------------|------|-------|------------------------|------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 108-10-1   | 4-Methyl-2-pentanone            | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 67-64-1    | Acetone                         | ND          |      | ug/L  | 25.0                   | 50.0 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 107-02-8   | Acrolein                        | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 107-13-1   | Acrylonitrile                   | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 71-43-2    | Benzene                         | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 74-97-5    | Bromochloromethane              | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 75-27-4    | Bromodichloromethane            | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 75-25-2    | Bromoform                       | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 74-83-9    | Bromomethane                    | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 75-15-0    | Carbon disulfide                | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 56-23-5    | Carbon tetrachloride            | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 108-90-7   | Chlorobenzene                   | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 75-00-3    | Chloroethane                    | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 67-66-3    | Chloroform                      | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 74-87-3    | Chloromethane                   | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>1930</b> |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 110-82-7   | Cyclohexane                     | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 124-48-1   | Dibromochloromethane            | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 74-95-3    | Dibromomethane                  | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 75-71-8    | Dichlorodifluoromethane         | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 100-41-4   | Ethyl Benzene                   | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 87-68-3    | Hexachlorobutadiene             | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |



## Sample Information

**Client Sample ID:** KC-MW-01 0422

**York Sample ID:** 22D0137-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 8:07 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|----------------------|-----------------------------------|-------------|------------------|-------|------------------------|------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 98-82-8              | Isopropylbenzene                  | ND          |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 79-20-9              | Methyl acetate                    | ND          |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 1634-04-4            | Methyl tert-butyl ether (MTBE)    | ND          |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 108-87-2             | Methylcyclohexane                 | ND          |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 75-09-2              | <b>Methylene chloride</b>         | <b>44.5</b> |                  | ug/L  | 25.0                   | 50.0 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 104-51-8             | n-Butylbenzene                    | ND          |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 103-65-1             | n-Propylbenzene                   | ND          |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 95-47-6              | o-Xylene                          | ND          |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 179601-23-1          | p- & m- Xylenes                   | ND          |                  | ug/L  | 12.5                   | 25.0 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 99-87-6              | p-Isopropyltoluene                | ND          |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 135-98-8             | sec-Butylbenzene                  | ND          |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 100-42-5             | Styrene                           | ND          |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 75-65-0              | tert-Butyl alcohol (TBA)          | ND          |                  | ug/L  | 12.5                   | 25.0 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 98-06-6              | tert-Butylbenzene                 | ND          |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 127-18-4             | Tetrachloroethylene               | ND          |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 108-88-3             | <b>Toluene</b>                    | <b>6.50</b> |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 156-60-5             | <b>trans-1,2-Dichloroethylene</b> | <b>63.5</b> |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 10061-02-6           | trans-1,3-Dichloropropylene       | ND          |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 79-01-6              | <b>Trichloroethylene</b>          | <b>2530</b> | B                | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 15:20      | JM      |
| 75-69-4              | Trichlorofluoromethane            | ND          |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 75-01-4              | <b>Vinyl Chloride</b>             | <b>275</b>  |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| 1330-20-7            | Xylenes, Total                    | ND          |                  | ug/L  | 15.0                   | 37.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       | 04/12/2022 09:00      | 04/12/2022 13:26      | JM      |
| Surrogate Recoveries |                                   | Result      | Acceptance Range |       |                        |      |          |                                                                            |                       |                       |         |



## Sample Information

**Client Sample ID:** KC-MW-01 0422

**York Sample ID:** 22D0137-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 8:07 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|------------|-------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 105 %  |      |       | 70-130                 |     |          |                  |                       |                       |         |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 95.0 % |      |       | 70-130                 |     |          |                  |                       |                       |         |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 96.8 % |      |       | 70-130                 |     |          |                  |                       |                       |         |

### Metals, Priority Pollutant-Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                                             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|--------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-36-0 | Antimony  | 1.77   |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:38      | RTH     |
| 7440-38-2 | Arsenic   | 2.76   |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:38      | RTH     |
| 7440-41-7 | Beryllium | ND     |      | ug/L  | 0.300              | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:38      | RTH     |
| 7440-43-9 | Cadmium   | 45.1   |      | ug/L  | 0.500              | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:38      | RTH     |
| 7440-47-3 | Chromium  | 67.4   |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:38      | RTH     |
| 7440-50-8 | Copper    | 8.28   |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:38      | RTH     |
| 7439-92-1 | Lead      | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:38      | RTH     |
| 7440-02-0 | Nickel    | 151    |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:38      | RTH     |
| 7782-49-2 | Selenium  | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:38      | RTH     |
| 7440-22-4 | Silver    | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:38      | RTH     |
| 7440-28-0 | Thallium  | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:38      | RTH     |
| 7440-66-6 | Zinc      | 123    | B    | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:38      | RTH     |

### Mercury by 7470/7471

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                                            | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|-------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7439-97-6 | Mercury   | ND     |      | mg/L  | 0.0002             | 1        | EPA 7470<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/05/2022 18:25      | 04/05/2022 18:25      | AA      |



## Sample Information

**Client Sample ID:** KC-MW-02 0422

**York Sample ID:** 22D0137-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 12:02 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 123-91-1 | 1,4-Dioxane                                          | ND     |      | ug/L  | 40.0                   | 80.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 78-93-3  | 2-Butanone                                           | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 591-78-6 | 2-Hexanone                                           | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 108-10-1 | 4-Methyl-2-pentanone                                 | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |



## Sample Information

**Client Sample ID:** KC-MW-02 0422

**York Sample ID:** 22D0137-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 12:02 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|------------|---------------------------------|--------------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------|-----------------------|---------|
| 67-64-1    | Acetone                         | ND           |      | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 107-02-8   | Acrolein                        | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 107-13-1   | Acrylonitrile                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 71-43-2    | Benzene                         | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 74-97-5    | Bromochloromethane              | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 16:11      | PD      |
| 75-27-4    | Bromodichloromethane            | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 75-25-2    | Bromoform                       | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 74-83-9    | Bromomethane                    | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 75-15-0    | Carbon disulfide                | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 56-23-5    | Carbon tetrachloride            | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 108-90-7   | Chlorobenzene                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 75-00-3    | Chloroethane                    | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 67-66-3    | Chloroform                      | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 74-87-3    | Chloromethane                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>0.960</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 110-82-7   | Cyclohexane                     | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 16:11      | PD      |
| 124-48-1   | Dibromochloromethane            | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 74-95-3    | Dibromomethane                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 16:11      | PD      |
| 75-71-8    | Dichlorodifluoromethane         | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 16:11      | PD      |
| 100-41-4   | Ethyl Benzene                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |
| 87-68-3    | Hexachlorobutadiene             | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 16:11      | PD      |
| 98-82-8    | Isopropylbenzene                | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 16:11      | PD      |





## Sample Information

**Client Sample ID:** KC-MW-02 0422

**York Sample ID:** 22D0137-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 12:02 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 79-20-9                     | Methyl acetate                            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 108-87-2                    | Methylcyclohexane                         | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 75-09-2                     | Methylene chloride                        | ND            |                         | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 104-51-8                    | n-Butylbenzene                            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 103-65-1                    | n-Propylbenzene                           | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 95-47-6                     | o-Xylene                                  | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 179601-23-1                 | p- & m- Xylenes                           | ND            |                         | ug/L  | 0.500                  | 1.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 99-87-6                     | p-Isopropyltoluene                        | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 135-98-8                    | sec-Butylbenzene                          | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 100-42-5                    | Styrene                                   | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            |                         | ug/L  | 0.500                  | 1.00  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 127-18-4                    | Tetrachloroethylene                       | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 79-01-6                     | <b>Trichloroethylene</b>                  | <b>0.670</b>  |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.600                  | 1.50  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       | 04/11/2022 09:00      | 04/11/2022 16:11      | PD      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                            |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 99.5 %        | 70-130                  |       |                        |       |          |                                                                            |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 72.3 %        | 70-130                  |       |                        |       |          |                                                                            |                       |                       |         |





## Sample Information

**Client Sample ID:** KC-MW-02 0422

**York Sample ID:** 22D0137-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 12:02 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|----------|--------------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 460-00-4 | Surrogate: SURR:<br><i>p</i> -Bromofluorobenzene | 88.2 % |      |       | 70-130                 |     |          |                  |                       |                       |         |

### Metals, Priority Pollutant-Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                                             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|--------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-36-0 | Antimony  | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:41      | RTH     |
| 7440-38-2 | Arsenic   | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:41      | RTH     |
| 7440-41-7 | Beryllium | ND     |      | ug/L  | 0.300              | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:41      | RTH     |
| 7440-43-9 | Cadmium   | 1.17   |      | ug/L  | 0.500              | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:41      | RTH     |
| 7440-47-3 | Chromium  | 1.05   |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:41      | RTH     |
| 7440-50-8 | Copper    | 4.58   |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:41      | RTH     |
| 7439-92-1 | Lead      | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:41      | RTH     |
| 7440-02-0 | Nickel    | 13.8   |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:41      | RTH     |
| 7782-49-2 | Selenium  | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:41      | RTH     |
| 7440-22-4 | Silver    | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:41      | RTH     |
| 7440-28-0 | Thallium  | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:41      | RTH     |
| 7440-66-6 | Zinc      | 36.1   | B    | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:41      | RTH     |

### Mercury by 7470/7471

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                                            | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|-------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7439-97-6 | Mercury   | ND     |      | mg/L  | 0.0002             | 1        | EPA 7470<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/05/2022 18:25      | 04/05/2022 18:25      | AA      |



## Sample Information

**Client Sample ID:** KC-MW-05 0422

**York Sample ID:** 22D0137-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 11:15 am

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>0.280</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 75-35-4  | <b>1,1-Dichloroethylene</b>                          | <b>0.250</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 123-91-1 | 1,4-Dioxane                                          | ND           |      | ug/L  | 40.0                   | 80.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 78-93-3  | 2-Butanone                                           | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 591-78-6 | 2-Hexanone                                           | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 108-10-1 | 4-Methyl-2-pentanone                                 | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |



## Sample Information

**Client Sample ID:** KC-MW-05 0422

**York Sample ID:** 22D0137-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 11:15 am

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|------------|---------------------------------|-------------|------|-------|------------------------|-------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 67-64-1    | Acetone                         | ND          |      | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 107-02-8   | Acrolein                        | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 107-13-1   | Acrylonitrile                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 71-43-2    | Benzene                         | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 74-97-5    | Bromochloromethane              | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 75-27-4    | Bromodichloromethane            | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 75-25-2    | Bromoform                       | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 74-83-9    | Bromomethane                    | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 75-15-0    | Carbon disulfide                | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 56-23-5    | Carbon tetrachloride            | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 108-90-7   | Chlorobenzene                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 75-00-3    | Chloroethane                    | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 67-66-3    | Chloroform                      | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 74-87-3    | Chloromethane                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>18.8</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 110-82-7   | Cyclohexane                     | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 124-48-1   | Dibromochloromethane            | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 74-95-3    | Dibromomethane                  | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 75-71-8    | Dichlorodifluoromethane         | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 100-41-4   | Ethyl Benzene                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 87-68-3    | Hexachlorobutadiene             | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 98-82-8    | Isopropylbenzene                | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |



## Sample Information

**Client Sample ID:** KC-MW-05 0422

**York Sample ID:** 22D0137-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 11:15 am

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 79-20-9                     | Methyl acetate                            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 108-87-2                    | Methylcyclohexane                         | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 75-09-2                     | Methylene chloride                        | ND            |                         | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 104-51-8                    | n-Butylbenzene                            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 103-65-1                    | n-Propylbenzene                           | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 95-47-6                     | o-Xylene                                  | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 179601-23-1                 | p- & m- Xylenes                           | ND            |                         | ug/L  | 0.500                  | 1.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 99-87-6                     | p-Isopropyltoluene                        | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 135-98-8                    | sec-Butylbenzene                          | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 100-42-5                    | Styrene                                   | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            |                         | ug/L  | 0.500                  | 1.00  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 127-18-4                    | Tetrachloroethylene                       | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 156-60-5                    | <b>trans-1,2-Dichloroethylene</b>         | <b>0.240</b>  |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 79-01-6                     | <b>Trichloroethylene</b>                  | <b>35.0</b>   | B                       | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.600                  | 1.50  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       | 04/12/2022 09:00      | 04/12/2022 13:54      | JM      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                            |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 106 %         | 70-130                  |       |                        |       |          |                                                                            |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 94.8 %        | 70-130                  |       |                        |       |          |                                                                            |                       |                       |         |



## Sample Information

**Client Sample ID:** KC-MW-05 0422

**York Sample ID:** 22D0137-03

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 11:15 am

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|----------|--------------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 460-00-4 | Surrogate: SURR:<br><i>p</i> -Bromofluorobenzene | 96.5 % |      |       | 70-130                 |     |          |                  |                       |                       |         |

### Metals, Priority Pollutant-Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                                             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|--------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-36-0 | Antimony  | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:44      | RTH     |
| 7440-38-2 | Arsenic   | 2.09   |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:44      | RTH     |
| 7440-41-7 | Beryllium | ND     |      | ug/L  | 0.300              | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:44      | RTH     |
| 7440-43-9 | Cadmium   | ND     |      | ug/L  | 0.500              | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:44      | RTH     |
| 7440-47-3 | Chromium  | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:44      | RTH     |
| 7440-50-8 | Copper    | 1.46   |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:44      | RTH     |
| 7439-92-1 | Lead      | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:44      | RTH     |
| 7440-02-0 | Nickel    | 2.06   |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:44      | RTH     |
| 7782-49-2 | Selenium  | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:44      | RTH     |
| 7440-22-4 | Silver    | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:44      | RTH     |
| 7440-28-0 | Thallium  | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:44      | RTH     |
| 7440-66-6 | Zinc      | 16.3   | B    | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:44      | RTH     |

### Mercury by 7470/7471

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                                            | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|-------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7439-97-6 | Mercury   | ND     |      | mg/L  | 0.0002             | 1        | EPA 7470<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/05/2022 18:25      | 04/05/2022 18:25      | AA      |



## Sample Information

**Client Sample ID:** KC-MW-07 0422

**York Sample ID:** 22D0137-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 12:51 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                         | <b>0.420</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>1.27</b>  |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 123-91-1 | 1,4-Dioxane                                          | ND           |      | ug/L  | 40.0                   | 80.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 78-93-3  | 2-Butanone                                           | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 591-78-6 | 2-Hexanone                                           | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 108-10-1 | 4-Methyl-2-pentanone                                 | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |



## Sample Information

**Client Sample ID:** KC-MW-07 0422

**York Sample ID:** 22D0137-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 12:51 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|------------|---------------------------------|-------------|------|-------|------------------------|-------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 67-64-1    | Acetone                         | ND          |      | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 107-02-8   | Acrolein                        | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 107-13-1   | Acrylonitrile                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 71-43-2    | Benzene                         | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 74-97-5    | Bromochloromethane              | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 75-27-4    | Bromodichloromethane            | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 75-25-2    | Bromoform                       | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 74-83-9    | Bromomethane                    | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 75-15-0    | Carbon disulfide                | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 56-23-5    | Carbon tetrachloride            | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 108-90-7   | Chlorobenzene                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 75-00-3    | Chloroethane                    | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 67-66-3    | Chloroform                      | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 74-87-3    | Chloromethane                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>4.43</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 110-82-7   | Cyclohexane                     | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 124-48-1   | Dibromochloromethane            | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 74-95-3    | Dibromomethane                  | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 75-71-8    | Dichlorodifluoromethane         | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 100-41-4   | Ethyl Benzene                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 87-68-3    | Hexachlorobutadiene             | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 98-82-8    | Isopropylbenzene                | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |





## Sample Information

**Client Sample ID:** KC-MW-07 0422

**York Sample ID:** 22D0137-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 12:51 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 79-20-9                     | Methyl acetate                            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 108-87-2                    | Methylcyclohexane                         | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 75-09-2                     | Methylene chloride                        | ND            |                         | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 104-51-8                    | n-Butylbenzene                            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 103-65-1                    | n-Propylbenzene                           | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 95-47-6                     | o-Xylene                                  | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 179601-23-1                 | p- & m- Xylenes                           | ND            |                         | ug/L  | 0.500                  | 1.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 99-87-6                     | p-Isopropyltoluene                        | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 135-98-8                    | sec-Butylbenzene                          | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 100-42-5                    | Styrene                                   | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            |                         | ug/L  | 0.500                  | 1.00  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 127-18-4                    | Tetrachloroethylene                       | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 156-60-5                    | <b>trans-1,2-Dichloroethylene</b>         | <b>0.210</b>  |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 79-01-6                     | <b>Trichloroethylene</b>                  | <b>24.8</b>   | B                       | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.600                  | 1.50  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       | 04/12/2022 09:00      | 04/12/2022 14:23      | JM      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                            |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 104 %         | 70-130                  |       |                        |       |          |                                                                            |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 95.0 %        | 70-130                  |       |                        |       |          |                                                                            |                       |                       |         |





## Sample Information

**Client Sample ID:** KC-MW-07 0422

**York Sample ID:** 22D0137-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 12:51 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|----------|--------------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 460-00-4 | Surrogate: SURR:<br><i>p</i> -Bromofluorobenzene | 96.8 % |      |       | 70-130                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** KC-FD-001 0422

**York Sample ID:** 22D0137-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 3:00 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 75-35-4  | <b>1,1-Dichloroethylene</b>                          | <b>7.25</b> |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |



## Sample Information

**Client Sample ID:** KC-FD-001 0422

**York Sample ID:** 22D0137-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 3:00 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|----------|--------------------------|--------|------|-------|------------------------|------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 78-87-5  | 1,2-Dichloropropane      | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 108-67-8 | 1,3,5-Trimethylbenzene   | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 541-73-1 | 1,3-Dichlorobenzene      | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 106-46-7 | 1,4-Dichlorobenzene      | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 123-91-1 | 1,4-Dioxane              | ND     |      | ug/L  | 1000                   | 2000 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 78-93-3  | 2-Butanone               | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 591-78-6 | 2-Hexanone               | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 108-10-1 | 4-Methyl-2-pentanone     | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 67-64-1  | Acetone                  | ND     |      | ug/L  | 25.0                   | 50.0 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 107-02-8 | Acrolein                 | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 107-13-1 | Acrylonitrile            | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 71-43-2  | Benzene                  | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 74-97-5  | Bromochloromethane       | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 75-27-4  | Bromodichloromethane     | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 75-25-2  | Bromoform                | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 74-83-9  | Bromomethane             | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 75-15-0  | Carbon disulfide         | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 56-23-5  | Carbon tetrachloride     | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 108-90-7 | Chlorobenzene            | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 75-00-3  | Chloroethane             | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 67-66-3  | Chloroform               | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 74-87-3  | Chloromethane            | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 156-59-2 | cis-1,2-Dichloroethylene | 1750   |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |



## Sample Information

**Client Sample ID:** KC-FD-001 0422

**York Sample ID:** 22D0137-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 3:00 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|-------------|--------------------------------|-------------|------|-------|------------------------|------|----------|------------------------------|-------------------------------------------------------------------|-----------------------|---------|
| 10061-01-5  | cis-1,3-Dichloropropylene      | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 110-82-7    | Cyclohexane                    | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 14:51      | JM      |
| 124-48-1    | Dibromochloromethane           | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 74-95-3     | Dibromomethane                 | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 14:51      | JM      |
| 75-71-8     | Dichlorodifluoromethane        | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 14:51      | JM      |
| 100-41-4    | Ethyl Benzene                  | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 87-68-3     | Hexachlorobutadiene            | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 14:51      | JM      |
| 98-82-8     | Isopropylbenzene               | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 79-20-9     | Methyl acetate                 | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 14:51      | JM      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 108-87-2    | Methylcyclohexane              | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 14:51      | JM      |
| 75-09-2     | <b>Methylene chloride</b>      | <b>45.0</b> |      | ug/L  | 25.0                   | 50.0 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 104-51-8    | n-Butylbenzene                 | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 103-65-1    | n-Propylbenzene                | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 95-47-6     | o-Xylene                       | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 179601-23-1 | p- & m- Xylenes                | ND          |      | ug/L  | 12.5                   | 25.0 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 99-87-6     | p-Isopropyltoluene             | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 135-98-8    | sec-Butylbenzene               | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 100-42-5    | Styrene                        | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND          |      | ug/L  | 12.5                   | 25.0 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 14:51      | JM      |
| 98-06-6     | tert-Butylbenzene              | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 127-18-4    | Tetrachloroethylene            | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |
| 108-88-3    | Toluene                        | ND          |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:51      | JM      |



## Sample Information

**Client Sample ID:** KC-FD-001 0422

**York Sample ID:** 22D0137-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 3:00 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|----------------------|-------------------------------------------|--------|------------------|-------|------------------------|------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 156-60-5             | trans-1,2-Dichloroethylene                | 57.0   |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 10061-02-6           | trans-1,3-Dichloropropylene               | ND     |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 79-01-6              | Trichloroethylene                         | 2100   | B                | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 16:45      | JM      |
| 75-69-4              | Trichlorofluoromethane                    | ND     |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 75-01-4              | Vinyl Chloride                            | 238    |                  | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| 1330-20-7            | Xylenes, Total                            | ND     |                  | ug/L  | 15.0                   | 37.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       | 04/12/2022 09:00      | 04/12/2022 14:51      | JM      |
| Surrogate Recoveries |                                           | Result | Acceptance Range |       |                        |      |          |                                                                            |                       |                       |         |
| 17060-07-0           | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 104 %  | 70-130           |       |                        |      |          |                                                                            |                       |                       |         |
| 2037-26-5            | Surrogate: SURR: Toluene-d8               | 95.1 % | 70-130           |       |                        |      |          |                                                                            |                       |                       |         |
| 460-00-4             | Surrogate: SURR:<br>p-Bromofluorobenzene  | 96.6 % | 70-130           |       |                        |      |          |                                                                            |                       |                       |         |

### Metals, Priority Pollutant-Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                                             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|--------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-36-0 | Antimony  | 1.74   |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:47      | RTH     |
| 7440-38-2 | Arsenic   | 3.06   |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:47      | RTH     |
| 7440-41-7 | Beryllium | ND     |      | ug/L  | 0.300              | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:47      | RTH     |
| 7440-43-9 | Cadmium   | 44.7   |      | ug/L  | 0.500              | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:47      | RTH     |
| 7440-47-3 | Chromium  | 64.0   |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:47      | RTH     |
| 7440-50-8 | Copper    | 11.3   |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:47      | RTH     |
| 7439-92-1 | Lead      | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:47      | RTH     |
| 7440-02-0 | Nickel    | 145    |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:47      | RTH     |
| 7782-49-2 | Selenium  | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:47      | RTH     |
| 7440-22-4 | Silver    | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:47      | RTH     |



## Sample Information

**Client Sample ID:** KC-FD-001 0422

**York Sample ID:** 22D0137-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 4, 2022 3:00 pm

04/05/2022

### Metals, Priority Pollutant-Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                                             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|--------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-28-0 | Thallium  | ND     |      | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:47      | RTH     |
| 7440-66-6 | Zinc      | 137    | B    | ug/L  | 1.00               | 1        | EPA 6020B<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/13/2022 14:57      | 04/14/2022 14:47      | RTH     |

### Mercury by 7470/7471

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                                            | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|-------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7439-97-6 | Mercury   | ND     |      | mg/L  | 0.0002             | 1        | EPA 7470<br>Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP | 04/05/2022 18:25      | 04/05/2022 18:25      | AA      |

## Sample Information

**Client Sample ID:** TRIP BLANK 0422

**York Sample ID:** 22D0137-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 3, 2022 2:15 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |



## Sample Information

**Client Sample ID:** TRIP BLANK 0422

**York Sample ID:** 22D0137-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 3, 2022 2:15 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|----------|-----------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------|-----------------------|---------|
| 95-63-6  | 1,2,4-Trimethylbenzene      | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 106-93-4 | 1,2-Dibromoethane           | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 95-50-1  | 1,2-Dichlorobenzene         | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 107-06-2 | 1,2-Dichloroethane          | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 78-87-5  | 1,2-Dichloropropane         | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 108-67-8 | 1,3,5-Trimethylbenzene      | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 541-73-1 | 1,3-Dichlorobenzene         | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 106-46-7 | 1,4-Dichlorobenzene         | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 123-91-1 | 1,4-Dioxane                 | ND     |      | ug/L  | 40.0                   | 80.0  | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 22:59      | PD      |
| 78-93-3  | 2-Butanone                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 591-78-6 | 2-Hexanone                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 108-10-1 | 4-Methyl-2-pentanone        | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 67-64-1  | Acetone                     | 1.45   |      | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 107-02-8 | Acrolein                    | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 107-13-1 | Acrylonitrile               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 71-43-2  | Benzene                     | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 74-97-5  | Bromochloromethane          | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 22:59      | PD      |
| 75-27-4  | Bromodichloromethane        | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 75-25-2  | Bromoform                   | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 74-83-9  | Bromomethane                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 75-15-0  | Carbon disulfide            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 56-23-5  | Carbon tetrachloride        | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |





## Sample Information

**Client Sample ID:** TRIP BLANK 0422

**York Sample ID:** 22D0137-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 3, 2022 2:15 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|-------------|--------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------|-----------------------|---------|
| 108-90-7    | Chlorobenzene                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 75-00-3     | Chloroethane                   | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 67-66-3     | Chloroform                     | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 74-87-3     | Chloromethane                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 156-59-2    | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 10061-01-5  | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 110-82-7    | Cyclohexane                    | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 22:59      | PD      |
| 124-48-1    | Dibromochloromethane           | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 74-95-3     | Dibromomethane                 | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 22:59      | PD      |
| 75-71-8     | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 22:59      | PD      |
| 100-41-4    | Ethyl Benzene                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 87-68-3     | Hexachlorobutadiene            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 22:59      | PD      |
| 98-82-8     | Isopropylbenzene               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 22:59      | PD      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 22:59      | PD      |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.500                  | 1.00  | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 99-87-6     | p-Isopropyltoluene             | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 22:59      | PD      |



## Sample Information

**Client Sample ID:** TRIP BLANK 0422

**York Sample ID:** 22D0137-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0137

CZ41103.20/100 KINGSTON CVS-ANNUAL

Water

April 3, 2022 2:15 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|-------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 100-42-5                    | Styrene                                   | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            |                         | ug/L  | 0.500                  | 1.00  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 127-18-4                    | Tetrachloroethylene                       | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 108-88-3                    | <b>Toluene</b>                            | <b>0.470</b>  | B                       | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 79-01-6                     | Trichloroethylene                         | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 75-01-4                     | Vinyl Chloride                            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 0.600                  | 1.50  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       | 04/11/2022 12:30      | 04/11/2022 22:59      | PD      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                            |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 105 %         | 70-130                  |       |                        |       |          |                                                                            |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 95.2 %        | 70-130                  |       |                        |       |          |                                                                            |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 96.6 %        | 70-130                  |       |                        |       |          |                                                                            |                       |                       |         |





## Analytical Batch Summary

**Batch ID:** BD20298      **Preparation Method:** EPA SW846-7470A      **Prepared By:** AA

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 22D0137-01     | KC-MW-01 0422    | 04/05/22         |
| 22D0137-02     | KC-MW-02 0422    | 04/05/22         |
| 22D0137-03     | KC-MW-05 0422    | 04/05/22         |
| 22D0137-05     | KC-FD-001 0422   | 04/05/22         |
| BD20298-BLK1   | Blank            | 04/05/22         |
| BD20298-BS1    | LCS              | 04/05/22         |
| BD20298-DUP1   | Duplicate        | 04/05/22         |
| BD20298-MS1    | Matrix Spike     | 04/05/22         |

**Batch ID:** BD20599      **Preparation Method:** EPA 5030B      **Prepared By:** JM

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 22D0137-02     | KC-MW-02 0422    | 04/11/22         |
| BD20599-BLK1   | Blank            | 04/11/22         |
| BD20599-BS1    | LCS              | 04/11/22         |
| BD20599-BSD1   | LCS Dup          | 04/11/22         |

**Batch ID:** BD20642      **Preparation Method:** EPA 5030B      **Prepared By:** JM

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 22D0137-06     | TRIP BLANK 0422  | 04/11/22         |
| BD20642-BLK1   | Blank            | 04/11/22         |

**Batch ID:** BD20684      **Preparation Method:** EPA 5030B      **Prepared By:** CAM

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 22D0137-01     | KC-MW-01 0422    | 04/12/22         |
| 22D0137-01RE1  | KC-MW-01 0422    | 04/12/22         |
| 22D0137-03     | KC-MW-05 0422    | 04/12/22         |
| 22D0137-04     | KC-MW-07 0422    | 04/12/22         |
| 22D0137-05     | KC-FD-001 0422   | 04/12/22         |
| 22D0137-05RE1  | KC-FD-001 0422   | 04/12/22         |
| BD20684-BLK1   | Blank            | 04/12/22         |
| BD20684-BS1    | LCS              | 04/12/22         |
| BD20684-BSD1   | LCS Dup          | 04/12/22         |

**Batch ID:** BD20811      **Preparation Method:** EPA 3015A      **Prepared By:** S\_G

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 22D0137-01     | KC-MW-01 0422    | 04/13/22         |
| 22D0137-02     | KC-MW-02 0422    | 04/13/22         |
| 22D0137-03     | KC-MW-05 0422    | 04/13/22         |
| 22D0137-05     | KC-FD-001 0422   | 04/13/22         |



|              |              |          |
|--------------|--------------|----------|
| BD20811-BLK1 | Blank        | 04/13/22 |
| BD20811-BS1  | LCS          | 04/13/22 |
| BD20811-DUP1 | Duplicate    | 04/13/22 |
| BD20811-MS1  | Matrix Spike | 04/13/22 |
| BD20811-MS2  | Matrix Spike | 04/13/22 |



## 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 BD20599 - EPA 5030B</b>                  |        |                    |       |                |                   |      |                |      |     |                                 |      |
| <b>Blank (BD20599-BLK1)</b>                       |        |                    |       |                |                   |      |                |      |     |                                 |      |
|                                                   |        |                    |       |                |                   |      |                |      |     | Prepared & Analyzed: 04/11/2022 |      |
| 1,1,1,2-Tetrachloroethane                         | ND     | 0.500              | ug/L  |                |                   |      |                |      |     |                                 |      |
| 1,1,1-Trichloroethane                             | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1,2,2-Tetrachloroethane                         | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1,2-Trichloroethane                             | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1-Dichloroethane                                | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1-Dichloroethylene                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,3-Trichlorobenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,3-Trichloropropane                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,4-Trichlorobenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,4-Trimethylbenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dibromo-3-chloropropane                       | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dibromoethane                                 | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dichlorobenzene                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dichloroethane                                | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dichloropropane                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,3,5-Trimethylbenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,3-Dichlorobenzene                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,4-Dichlorobenzene                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,4-Dioxane                                       | ND     | 80.0               | "     |                |                   |      |                |      |     |                                 |      |
| 2-Butanone                                        | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 2-Hexanone                                        | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 4-Methyl-2-pentanone                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Acetone                                           | ND     | 2.00               | "     |                |                   |      |                |      |     |                                 |      |
| Acrolein                                          | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Acrylonitrile                                     | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Benzene                                           | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromochloromethane                                | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromodichloromethane                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromoform                                         | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromomethane                                      | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Carbon disulfide                                  | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Carbon tetrachloride                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chlorobenzene                                     | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chloroethane                                      | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chloroform                                        | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chloromethane                                     | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| cis-1,2-Dichloroethylene                          | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| cis-1,3-Dichloropropylene                         | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Cyclohexane                                       | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Dibromochloromethane                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Dibromomethane                                    | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Dichlorodifluoromethane                           | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Ethyl Benzene                                     | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Hexachlorobutadiene                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Isopropylbenzene                                  | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Methyl acetate                                    | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Methyl tert-butyl ether (MTBE)                    | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Methylcyclohexane                                 | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |



## 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 BD20599 - EPA 5030B

##### Blank (BD20599-BLK1)

Prepared & Analyzed: 04/11/2022

|                                         |      |       |      |      |  |      |        |  |  |  |  |
|-----------------------------------------|------|-------|------|------|--|------|--------|--|--|--|--|
| Methylene chloride                      | ND   | 2.00  | ug/L |      |  |      |        |  |  |  |  |
| n-Butylbenzene                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| n-Propylbenzene                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| o-Xylene                                | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| p- & m- Xylenes                         | ND   | 1.00  | "    |      |  |      |        |  |  |  |  |
| p-Isopropyltoluene                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| sec-Butylbenzene                        | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Styrene                                 | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| tert-Butyl alcohol (TBA)                | ND   | 1.00  | "    |      |  |      |        |  |  |  |  |
| tert-Butylbenzene                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Tetrachloroethylene                     | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Toluene                                 | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,2-Dichloroethylene              | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,3-Dichloropropylene             | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Trichloroethylene                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Trichlorofluoromethane                  | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Vinyl Chloride                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Xylenes, Total                          | ND   | 1.50  | "    |      |  |      |        |  |  |  |  |
| <hr/>                                   |      |       |      |      |  |      |        |  |  |  |  |
| Surrogate: SURRE: 1,2-Dichloroethane-d4 | 9.77 |       | "    | 10.0 |  | 97.7 | 70-130 |  |  |  |  |
| Surrogate: SURRE: Toluene-d8            | 9.99 |       | "    | 10.0 |  | 99.9 | 70-130 |  |  |  |  |
| Surrogate: SURRE: p-Bromofluorobenzene  | 10.2 |       | "    | 10.0 |  | 102  | 70-130 |  |  |  |  |

##### LCS (BD20599-BS1)

Prepared & Analyzed: 04/11/2022

|                                                   |      |  |      |      |  |      |        |          |  |    |  |
|---------------------------------------------------|------|--|------|------|--|------|--------|----------|--|----|--|
| 1,1,1,2-Tetrachloroethane                         | 8.86 |  | ug/L | 10.0 |  | 88.6 | 82-126 |          |  | 30 |  |
| 1,1,1-Trichloroethane                             | 9.55 |  | "    | 10.0 |  | 95.5 | 70-130 |          |  | 20 |  |
| 1,1,2,2-Tetrachloroethane                         | 10.4 |  | "    | 10.0 |  | 104  | 70-130 |          |  | 20 |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.6 |  | "    | 10.0 |  | 116  | 70-130 |          |  | 20 |  |
| 1,1,2-Trichloroethane                             | 8.77 |  | "    | 10.0 |  | 87.7 | 70-130 |          |  | 20 |  |
| 1,1-Dichloroethane                                | 9.21 |  | "    | 10.0 |  | 92.1 | 70-130 |          |  | 20 |  |
| 1,1-Dichloroethylene                              | 10.2 |  | "    | 10.0 |  | 102  | 70-130 |          |  | 20 |  |
| 1,2,3-Trichlorobenzene                            | 9.55 |  | "    | 10.0 |  | 95.5 | 70-130 |          |  | 20 |  |
| 1,2,3-Trichloropropane                            | 9.20 |  | "    | 10.0 |  | 92.0 | 77-128 |          |  | 30 |  |
| 1,2,4-Trichlorobenzene                            | 9.64 |  | "    | 10.0 |  | 96.4 | 70-130 |          |  | 20 |  |
| 1,2,4-Trimethylbenzene                            | 10.2 |  | "    | 10.0 |  | 102  | 82-132 |          |  | 20 |  |
| 1,2-Dibromo-3-chloropropane                       | 9.02 |  | "    | 10.0 |  | 90.2 | 40-160 |          |  | 20 |  |
| 1,2-Dibromoethane                                 | 8.96 |  | "    | 10.0 |  | 89.6 | 70-130 |          |  | 20 |  |
| 1,2-Dichlorobenzene                               | 9.78 |  | "    | 10.0 |  | 97.8 | 70-130 |          |  | 20 |  |
| 1,2-Dichloroethane                                | 8.58 |  | "    | 10.0 |  | 85.8 | 70-130 |          |  | 20 |  |
| 1,2-Dichloropropane                               | 9.26 |  | "    | 10.0 |  | 92.6 | 70-130 |          |  | 20 |  |
| 1,3,5-Trimethylbenzene                            | 10.1 |  | "    | 10.0 |  | 101  | 80-131 |          |  | 30 |  |
| 1,3-Dichlorobenzene                               | 9.85 |  | "    | 10.0 |  | 98.5 | 70-130 |          |  | 20 |  |
| 1,4-Dichlorobenzene                               | 9.95 |  | "    | 10.0 |  | 99.5 | 70-130 |          |  | 20 |  |
| 1,4-Dioxane                                       | 133  |  | "    | 210  |  | 63.1 | 40-160 |          |  | 20 |  |
| 2-Butanone                                        | 7.48 |  | "    | 10.0 |  | 74.8 | 40-160 |          |  | 20 |  |
| 2-Hexanone                                        | 7.17 |  | "    | 10.0 |  | 71.7 | 40-160 |          |  | 20 |  |
| 4-Methyl-2-pentanone                              | 8.12 |  | "    | 10.0 |  | 81.2 | 40-160 |          |  | 20 |  |
| Acetone                                           | 3.76 |  | "    | 10.0 |  | 37.6 | 40-160 | Low Bias |  | 20 |  |
| Acrolein                                          | 7.52 |  | "    | 10.0 |  | 75.2 | 10-153 |          |  | 30 |  |
| Acrylonitrile                                     | 8.47 |  | "    | 10.0 |  | 84.7 | 51-150 |          |  | 30 |  |
| Benzene                                           | 9.68 |  | "    | 10.0 |  | 96.8 | 70-130 |          |  | 20 |  |



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

### York Analytical Laboratories, Inc.

| Analyte                                | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag     | RPD | RPD Limit | Flag |
|----------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|-----|-----------|------|
| <b>Batch BD20599 - EPA 5030B</b>       |        |                 |       |             |                |                                 |             |          |     |           |      |
| <b>LCS (BD20599-BS1)</b>               |        |                 |       |             |                | Prepared & Analyzed: 04/11/2022 |             |          |     |           |      |
| Bromochloromethane                     | 8.95   |                 | ug/L  | 10.0        |                | 89.5                            | 70-130      |          |     | 20        |      |
| Bromodichloromethane                   | 8.92   |                 | "     | 10.0        |                | 89.2                            | 70-130      |          |     | 20        |      |
| Bromoform                              | 9.03   |                 | "     | 10.0        |                | 90.3                            | 70-130      |          |     | 20        |      |
| Bromomethane                           | 4.17   |                 | "     | 10.0        |                | 41.7                            | 40-160      |          |     | 20        |      |
| Carbon disulfide                       | 11.5   |                 | "     | 10.0        |                | 115                             | 40-160      |          |     | 20        |      |
| Carbon tetrachloride                   | 9.81   |                 | "     | 10.0        |                | 98.1                            | 70-130      |          |     | 20        |      |
| Chlorobenzene                          | 9.82   |                 | "     | 10.0        |                | 98.2                            | 70-130      |          |     | 20        |      |
| Chloroethane                           | 9.46   |                 | "     | 10.0        |                | 94.6                            | 40-160      |          |     | 20        |      |
| Chloroform                             | 9.15   |                 | "     | 10.0        |                | 91.5                            | 70-130      |          |     | 20        |      |
| Chloromethane                          | 8.30   |                 | "     | 10.0        |                | 83.0                            | 40-160      |          |     | 20        |      |
| cis-1,2-Dichloroethylene               | 9.23   |                 | "     | 10.0        |                | 92.3                            | 70-130      |          |     | 20        |      |
| cis-1,3-Dichloropropylene              | 9.06   |                 | "     | 10.0        |                | 90.6                            | 70-130      |          |     | 20        |      |
| Cyclohexane                            | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |          |     | 20        |      |
| Dibromochloromethane                   | 8.77   |                 | "     | 10.0        |                | 87.7                            | 70-130      |          |     | 20        |      |
| Dibromomethane                         | 8.57   |                 | "     | 10.0        |                | 85.7                            | 72-134      |          |     | 30        |      |
| Dichlorodifluoromethane                | 3.61   |                 | "     | 10.0        |                | 36.1                            | 40-160      | Low Bias |     | 20        |      |
| Ethyl Benzene                          | 9.73   |                 | "     | 10.0        |                | 97.3                            | 70-130      |          |     | 20        |      |
| Hexachlorobutadiene                    | 10.3   |                 | "     | 10.0        |                | 103                             | 67-146      |          |     | 30        |      |
| Isopropylbenzene                       | 10.8   |                 | "     | 10.0        |                | 108                             | 70-130      |          |     | 20        |      |
| Methyl acetate                         | 8.13   |                 | "     | 10.0        |                | 81.3                            | 70-130      |          |     | 20        |      |
| Methyl tert-butyl ether (MTBE)         | 8.91   |                 | "     | 10.0        |                | 89.1                            | 70-130      |          |     | 20        |      |
| Methylcyclohexane                      | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |          |     | 20        |      |
| Methylene chloride                     | 8.44   |                 | "     | 10.0        |                | 84.4                            | 70-130      |          |     | 20        |      |
| n-Butylbenzene                         | 10.4   |                 | "     | 10.0        |                | 104                             | 79-132      |          |     | 30        |      |
| n-Propylbenzene                        | 10.6   |                 | "     | 10.0        |                | 106                             | 78-133      |          |     | 30        |      |
| o-Xylene                               | 9.72   |                 | "     | 10.0        |                | 97.2                            | 70-130      |          |     | 20        |      |
| p- & m- Xylenes                        | 20.3   |                 | "     | 20.0        |                | 102                             | 70-130      |          |     | 20        |      |
| p-Isopropyltoluene                     | 10.6   |                 | "     | 10.0        |                | 106                             | 81-136      |          |     | 30        |      |
| sec-Butylbenzene                       | 10.6   |                 | "     | 10.0        |                | 106                             | 79-137      |          |     | 30        |      |
| Styrene                                | 9.17   |                 | "     | 10.0        |                | 91.7                            | 70-130      |          |     | 20        |      |
| tert-Butyl alcohol (TBA)               | 31.2   |                 | "     | 50.0        |                | 62.3                            | 25-162      |          |     | 30        |      |
| tert-Butylbenzene                      | 10.5   |                 | "     | 10.0        |                | 105                             | 77-138      |          |     | 30        |      |
| Tetrachloroethylene                    | 5.43   |                 | "     | 10.0        |                | 54.3                            | 70-130      | Low Bias |     | 20        |      |
| Toluene                                | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |          |     | 20        |      |
| trans-1,2-Dichloroethylene             | 9.89   |                 | "     | 10.0        |                | 98.9                            | 70-130      |          |     | 20        |      |
| trans-1,3-Dichloropropylene            | 8.71   |                 | "     | 10.0        |                | 87.1                            | 70-130      |          |     | 20        |      |
| Trichloroethylene                      | 9.10   |                 | "     | 10.0        |                | 91.0                            | 70-130      |          |     | 20        |      |
| Trichlorofluoromethane                 | 9.74   |                 | "     | 10.0        |                | 97.4                            | 40-160      |          |     | 20        |      |
| Vinyl Chloride                         | 8.72   |                 | "     | 10.0        |                | 87.2                            | 70-130      |          |     | 20        |      |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 9.24   |                 | "     | 10.0        |                | 92.4                            | 70-130      |          |     |           |      |
| Surrogate: SURR: Toluene-d8            | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |          |     |           |      |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |          |     |           |      |



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

### York Analytical Laboratories, Inc.

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag     | RPD  | RPD Limit | Flag     |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|------|-----------|----------|
| <b>Batch BD20599 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |          |      |           |          |
| <b>LCS Dup (BD20599-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 04/11/2022 |             |          |      |           |          |
| 1,1,1,2-Tetrachloroethane                         | 9.69   |                 | ug/L  | 10.0        |                | 96.9                            | 82-126      |          | 8.95 | 30        |          |
| 1,1,1-Trichloroethane                             | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |          | 7.46 | 20        |          |
| 1,1,2,2-Tetrachloroethane                         | 11.3   |                 | "     | 10.0        |                | 113                             | 70-130      |          | 8.13 | 20        |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.00   |                 | "     | 10.0        |                |                                 | 70-130      | Low Bias | 200  | 20        | Non-dir. |
| 1,1,2-Trichloroethane                             | 9.87   |                 | "     | 10.0        |                | 98.7                            | 70-130      |          | 11.8 | 20        |          |
| 1,1-Dichloroethane                                | 9.87   |                 | "     | 10.0        |                | 98.7                            | 70-130      |          | 6.92 | 20        |          |
| 1,1-Dichloroethylene                              | 10.9   |                 | "     | 10.0        |                | 109                             | 70-130      |          | 6.07 | 20        |          |
| 1,2,3-Trichlorobenzene                            | 10.4   |                 | "     | 10.0        |                | 104                             | 70-130      |          | 8.33 | 20        |          |
| 1,2,3-Trichloropropane                            | 10.3   |                 | "     | 10.0        |                | 103                             | 77-128      |          | 10.9 | 30        |          |
| 1,2,4-Trichlorobenzene                            | 10.5   |                 | "     | 10.0        |                | 105                             | 70-130      |          | 8.16 | 20        |          |
| 1,2,4-Trimethylbenzene                            | 10.5   |                 | "     | 10.0        |                | 105                             | 82-132      |          | 3.08 | 20        |          |
| 1,2-Dibromo-3-chloropropane                       | 9.77   |                 | "     | 10.0        |                | 97.7                            | 40-160      |          | 7.98 | 20        |          |
| 1,2-Dibromoethane                                 | 9.97   |                 | "     | 10.0        |                | 99.7                            | 70-130      |          | 10.7 | 20        |          |
| 1,2-Dichlorobenzene                               | 10.4   |                 | "     | 10.0        |                | 104                             | 70-130      |          | 5.76 | 20        |          |
| 1,2-Dichloroethane                                | 9.61   |                 | "     | 10.0        |                | 96.1                            | 70-130      |          | 11.3 | 20        |          |
| 1,2-Dichloropropane                               | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |          | 8.78 | 20        |          |
| 1,3,5-Trimethylbenzene                            | 10.5   |                 | "     | 10.0        |                | 105                             | 80-131      |          | 4.16 | 30        |          |
| 1,3-Dichlorobenzene                               | 10.4   |                 | "     | 10.0        |                | 104                             | 70-130      |          | 5.53 | 20        |          |
| 1,4-Dichlorobenzene                               | 10.4   |                 | "     | 10.0        |                | 104                             | 70-130      |          | 4.61 | 20        |          |
| 1,4-Dioxane                                       | 63.3   |                 | "     | 210         |                | 30.2                            | 40-160      | Low Bias | 70.7 | 20        | Non-dir. |
| 2-Butanone                                        | 7.85   |                 | "     | 10.0        |                | 78.5                            | 40-160      |          | 4.83 | 20        |          |
| 2-Hexanone                                        | 8.12   |                 | "     | 10.0        |                | 81.2                            | 40-160      |          | 12.4 | 20        |          |
| 4-Methyl-2-pentanone                              | 9.38   |                 | "     | 10.0        |                | 93.8                            | 40-160      |          | 14.4 | 20        |          |
| Acetone                                           | 4.68   |                 | "     | 10.0        |                | 46.8                            | 40-160      |          | 21.8 | 20        | Non-dir. |
| Acrolein                                          | 7.32   |                 | "     | 10.0        |                | 73.2                            | 10-153      |          | 2.70 | 30        |          |
| Acrylonitrile                                     | 9.34   |                 | "     | 10.0        |                | 93.4                            | 51-150      |          | 9.77 | 30        |          |
| Benzene                                           | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |          | 6.59 | 20        |          |
| Bromochloromethane                                | 9.78   |                 | "     | 10.0        |                | 97.8                            | 70-130      |          | 8.86 | 20        |          |
| Bromodichloromethane                              | 9.75   |                 | "     | 10.0        |                | 97.5                            | 70-130      |          | 8.89 | 20        |          |
| Bromoform                                         | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |          | 11.5 | 20        |          |
| Bromomethane                                      | 3.88   |                 | "     | 10.0        |                | 38.8                            | 40-160      | Low Bias | 7.20 | 20        |          |
| Carbon disulfide                                  | 11.9   |                 | "     | 10.0        |                | 119                             | 40-160      |          | 3.60 | 20        |          |
| Carbon tetrachloride                              | 10.5   |                 | "     | 10.0        |                | 105                             | 70-130      |          | 7.08 | 20        |          |
| Chlorobenzene                                     | 10.6   |                 | "     | 10.0        |                | 106                             | 70-130      |          | 7.17 | 20        |          |
| Chloroethane                                      | 10.1   |                 | "     | 10.0        |                | 101                             | 40-160      |          | 6.74 | 20        |          |
| Chloroform                                        | 9.90   |                 | "     | 10.0        |                | 99.0                            | 70-130      |          | 7.87 | 20        |          |
| Chloromethane                                     | 8.85   |                 | "     | 10.0        |                | 88.5                            | 40-160      |          | 6.41 | 20        |          |
| cis-1,2-Dichloroethylene                          | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |          | 8.11 | 20        |          |
| cis-1,3-Dichloropropylene                         | 9.75   |                 | "     | 10.0        |                | 97.5                            | 70-130      |          | 7.34 | 20        |          |
| Cyclohexane                                       | 10.8   |                 | "     | 10.0        |                | 108                             | 70-130      |          | 5.61 | 20        |          |
| Dibromochloromethane                              | 9.75   |                 | "     | 10.0        |                | 97.5                            | 70-130      |          | 10.6 | 20        |          |
| Dibromomethane                                    | 9.55   |                 | "     | 10.0        |                | 95.5                            | 72-134      |          | 10.8 | 30        |          |
| Dichlorodifluoromethane                           | 4.05   |                 | "     | 10.0        |                | 40.5                            | 40-160      |          | 11.5 | 20        |          |
| Ethyl Benzene                                     | 10.4   |                 | "     | 10.0        |                | 104                             | 70-130      |          | 6.46 | 20        |          |
| Hexachlorobutadiene                               | 10.9   |                 | "     | 10.0        |                | 109                             | 67-146      |          | 5.38 | 30        |          |
| Isopropylbenzene                                  | 11.1   |                 | "     | 10.0        |                | 111                             | 70-130      |          | 2.83 | 20        |          |
| Methyl acetate                                    | 9.51   |                 | "     | 10.0        |                | 95.1                            | 70-130      |          | 15.6 | 20        |          |
| Methyl tert-butyl ether (MTBE)                    | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |          | 13.0 | 20        |          |
| Methylcyclohexane                                 | 10.8   |                 | "     | 10.0        |                | 108                             | 70-130      |          | 5.88 | 20        |          |
| Methylene chloride                                | 8.98   |                 | "     | 10.0        |                | 89.8                            | 70-130      |          | 6.20 | 20        |          |



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

### York Analytical Laboratories, Inc.

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

#### Batch BD20599 - EPA 5030B

##### LCS Dup (BD20599-BSD1)

Prepared & Analyzed: 04/11/2022

|                                        |      |  |      |      |  |      |        |          |      |    |
|----------------------------------------|------|--|------|------|--|------|--------|----------|------|----|
| n-Butylbenzene                         | 10.6 |  | ug/L | 10.0 |  | 106  | 79-132 |          | 2.01 | 30 |
| n-Propylbenzene                        | 10.8 |  | "    | 10.0 |  | 108  | 78-133 |          | 2.53 | 30 |
| o-Xylene                               | 10.4 |  | "    | 10.0 |  | 104  | 70-130 |          | 6.47 | 20 |
| p- & m- Xylenes                        | 21.6 |  | "    | 20.0 |  | 108  | 70-130 |          | 5.97 | 20 |
| p-Isopropyltoluene                     | 10.9 |  | "    | 10.0 |  | 109  | 81-136 |          | 2.89 | 30 |
| sec-Butylbenzene                       | 10.9 |  | "    | 10.0 |  | 109  | 79-137 |          | 2.60 | 30 |
| Styrene                                | 9.88 |  | "    | 10.0 |  | 98.8 | 70-130 |          | 7.45 | 20 |
| tert-Butyl alcohol (TBA)               | 35.5 |  | "    | 50.0 |  | 70.9 | 25-162 |          | 12.9 | 30 |
| tert-Butylbenzene                      | 10.9 |  | "    | 10.0 |  | 109  | 77-138 |          | 3.17 | 30 |
| Tetrachloroethylene                    | 5.69 |  | "    | 10.0 |  | 56.9 | 70-130 | Low Bias | 4.68 | 20 |
| Toluene                                | 10.4 |  | "    | 10.0 |  | 104  | 70-130 |          | 4.21 | 20 |
| trans-1,2-Dichloroethylene             | 10.4 |  | "    | 10.0 |  | 104  | 70-130 |          | 5.41 | 20 |
| trans-1,3-Dichloropropylene            | 9.53 |  | "    | 10.0 |  | 95.3 | 70-130 |          | 8.99 | 20 |
| Trichloroethylene                      | 9.62 |  | "    | 10.0 |  | 96.2 | 70-130 |          | 5.56 | 20 |
| Trichlorofluoromethane                 | 10.2 |  | "    | 10.0 |  | 102  | 40-160 |          | 4.91 | 20 |
| Vinyl Chloride                         | 9.12 |  | "    | 10.0 |  | 91.2 | 70-130 |          | 4.48 | 20 |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 9.60 |  | "    | 10.0 |  | 96.0 | 70-130 |          |      |    |
| Surrogate: SURR: Toluene-d8            | 10.1 |  | "    | 10.0 |  | 101  | 70-130 |          |      |    |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.2 |  | "    | 10.0 |  | 102  | 70-130 |          |      |    |

#### Batch BD20642 - EPA 5030B

##### Blank (BD20642-BLK1)

Prepared & Analyzed: 04/11/2022

|                                                   |    |       |      |  |  |  |  |  |  |  |
|---------------------------------------------------|----|-------|------|--|--|--|--|--|--|--|
| 1,1,1,2-Tetrachloroethane                         | ND | 0.500 | ug/L |  |  |  |  |  |  |  |
| 1,1,1-Trichloroethane                             | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1,2,2-Tetrachloroethane                         | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1,2-Trichloroethane                             | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1-Dichloroethane                                | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1-Dichloroethylene                              | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2,3-Trichlorobenzene                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2,3-Trichloropropane                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2,4-Trichlorobenzene                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2,4-Trimethylbenzene                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dibromo-3-chloropropane                       | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dibromoethane                                 | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dichlorobenzene                               | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dichloroethane                                | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dichloropropane                               | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,3,5-Trimethylbenzene                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,3-Dichlorobenzene                               | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,4-Dichlorobenzene                               | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,4-Dioxane                                       | ND | 80.0  | "    |  |  |  |  |  |  |  |
| 2-Butanone                                        | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 2-Hexanone                                        | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 4-Methyl-2-pentanone                              | ND | 0.500 | "    |  |  |  |  |  |  |  |
| Acetone                                           | ND | 2.00  | "    |  |  |  |  |  |  |  |
| Acrolein                                          | ND | 0.500 | "    |  |  |  |  |  |  |  |
| Acrylonitrile                                     | ND | 0.500 | "    |  |  |  |  |  |  |  |
| Benzene                                           | ND | 0.500 | "    |  |  |  |  |  |  |  |
| Bromochloromethane                                | ND | 0.500 | "    |  |  |  |  |  |  |  |



## 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 BD20642 - EPA 5030B

#### Blank (BD20642-BLK1)

Prepared & Analyzed: 04/11/2022

|                                        |       |       |      |      |  |      |        |  |  |  |  |
|----------------------------------------|-------|-------|------|------|--|------|--------|--|--|--|--|
| Bromodichloromethane                   | ND    | 0.500 | ug/L |      |  |      |        |  |  |  |  |
| Bromoform                              | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Bromomethane                           | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Carbon disulfide                       | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Carbon tetrachloride                   | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chlorobenzene                          | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chloroethane                           | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chloroform                             | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chloromethane                          | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| cis-1,2-Dichloroethylene               | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| cis-1,3-Dichloropropylene              | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Cyclohexane                            | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Dibromochloromethane                   | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Dibromomethane                         | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Dichlorodifluoromethane                | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Ethyl Benzene                          | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Hexachlorobutadiene                    | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Isopropylbenzene                       | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methyl acetate                         | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methyl tert-butyl ether (MTBE)         | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methylcyclohexane                      | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methylene chloride                     | ND    | 2.00  | "    |      |  |      |        |  |  |  |  |
| n-Butylbenzene                         | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| n-Propylbenzene                        | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| o-Xylene                               | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| p- & m- Xylenes                        | ND    | 1.00  | "    |      |  |      |        |  |  |  |  |
| p-Isopropyltoluene                     | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| sec-Butylbenzene                       | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Styrene                                | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| tert-Butyl alcohol (TBA)               | ND    | 1.00  | "    |      |  |      |        |  |  |  |  |
| tert-Butylbenzene                      | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Tetrachloroethylene                    | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Toluene                                | 0.440 | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,2-Dichloroethylene             | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,3-Dichloropropylene            | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Trichloroethylene                      | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Trichlorofluoromethane                 | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Vinyl Chloride                         | ND    | 0.500 | "    |      |  |      |        |  |  |  |  |
| Xylenes, Total                         | ND    | 1.50  | "    |      |  |      |        |  |  |  |  |
| <hr/>                                  |       |       |      |      |  |      |        |  |  |  |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.4  |       | "    | 10.0 |  | 104  | 70-130 |  |  |  |  |
| Surrogate: SURR: Toluene-d8            | 9.53  |       | "    | 10.0 |  | 95.3 | 70-130 |  |  |  |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 9.57  |       | "    | 10.0 |  | 95.7 | 70-130 |  |  |  |  |





## 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 BD20684 - EPA 5030B

##### Blank (BD20684-BLK1)

Prepared & Analyzed: 04/12/2022

|                                                   |    |       |      |
|---------------------------------------------------|----|-------|------|
| 1,1,1,2-Tetrachloroethane                         | ND | 0.500 | ug/L |
| 1,1,1-Trichloroethane                             | ND | 0.500 | "    |
| 1,1,2,2-Tetrachloroethane                         | ND | 0.500 | "    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.500 | "    |
| 1,1,2-Trichloroethane                             | ND | 0.500 | "    |
| 1,1-Dichloroethane                                | ND | 0.500 | "    |
| 1,1-Dichloroethylene                              | ND | 0.500 | "    |
| 1,2,3-Trichlorobenzene                            | ND | 0.500 | "    |
| 1,2,3-Trichloropropane                            | ND | 0.500 | "    |
| 1,2,4-Trichlorobenzene                            | ND | 0.500 | "    |
| 1,2,4-Trimethylbenzene                            | ND | 0.500 | "    |
| 1,2-Dibromo-3-chloropropane                       | ND | 0.500 | "    |
| 1,2-Dibromoethane                                 | ND | 0.500 | "    |
| 1,2-Dichlorobenzene                               | ND | 0.500 | "    |
| 1,2-Dichloroethane                                | ND | 0.500 | "    |
| 1,2-Dichloropropane                               | ND | 0.500 | "    |
| 1,3,5-Trimethylbenzene                            | ND | 0.500 | "    |
| 1,3-Dichlorobenzene                               | ND | 0.500 | "    |
| 1,4-Dichlorobenzene                               | ND | 0.500 | "    |
| 1,4-Dioxane                                       | ND | 80.0  | "    |
| 2-Butanone                                        | ND | 0.500 | "    |
| 2-Hexanone                                        | ND | 0.500 | "    |
| 4-Methyl-2-pentanone                              | ND | 0.500 | "    |
| Acetone                                           | ND | 2.00  | "    |
| Acrolein                                          | ND | 0.500 | "    |
| Acrylonitrile                                     | ND | 0.500 | "    |
| Benzene                                           | ND | 0.500 | "    |
| Bromochloromethane                                | ND | 0.500 | "    |
| Bromodichloromethane                              | ND | 0.500 | "    |
| Bromoform                                         | ND | 0.500 | "    |
| Bromomethane                                      | ND | 0.500 | "    |
| Carbon disulfide                                  | ND | 0.500 | "    |
| Carbon tetrachloride                              | ND | 0.500 | "    |
| Chlorobenzene                                     | ND | 0.500 | "    |
| Chloroethane                                      | ND | 0.500 | "    |
| Chloroform                                        | ND | 0.500 | "    |
| Chloromethane                                     | ND | 0.500 | "    |
| cis-1,2-Dichloroethylene                          | ND | 0.500 | "    |
| cis-1,3-Dichloropropylene                         | ND | 0.500 | "    |
| Cyclohexane                                       | ND | 0.500 | "    |
| Dibromochloromethane                              | ND | 0.500 | "    |
| Dibromomethane                                    | ND | 0.500 | "    |
| Dichlorodifluoromethane                           | ND | 0.500 | "    |
| Ethyl Benzene                                     | ND | 0.500 | "    |
| Hexachlorobutadiene                               | ND | 0.500 | "    |
| Isopropylbenzene                                  | ND | 0.500 | "    |
| Methyl acetate                                    | ND | 0.500 | "    |
| Methyl tert-butyl ether (MTBE)                    | ND | 0.500 | "    |
| Methylcyclohexane                                 | ND | 0.500 | "    |
| Methylene chloride                                | ND | 2.00  | "    |



## 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 BD20684 - EPA 5030B</b>                  |             |                 |          |             |                |             |               |      |     |           |      |
| <b>Blank (BD20684-BLK1)</b>                       |             |                 |          |             |                |             |               |      |     |           |      |
| Prepared & Analyzed: 04/12/2022                   |             |                 |          |             |                |             |               |      |     |           |      |
| n-Butylbenzene                                    | ND          | 0.500           | ug/L     |             |                |             |               |      |     |           |      |
| n-Propylbenzene                                   | ND          | 0.500           | "        |             |                |             |               |      |     |           |      |
| o-Xylene                                          | ND          | 0.500           | "        |             |                |             |               |      |     |           |      |
| p- & m- Xylenes                                   | ND          | 1.00            | "        |             |                |             |               |      |     |           |      |
| p-Isopropyltoluene                                | ND          | 0.500           | "        |             |                |             |               |      |     |           |      |
| sec-Butylbenzene                                  | ND          | 0.500           | "        |             |                |             |               |      |     |           |      |
| Styrene                                           | ND          | 0.500           | "        |             |                |             |               |      |     |           |      |
| tert-Butyl alcohol (TBA)                          | ND          | 1.00            | "        |             |                |             |               |      |     |           |      |
| tert-Butylbenzene                                 | ND          | 0.500           | "        |             |                |             |               |      |     |           |      |
| Tetrachloroethylene                               | ND          | 0.500           | "        |             |                |             |               |      |     |           |      |
| Toluene                                           | ND          | 0.500           | "        |             |                |             |               |      |     |           |      |
| trans-1,2-Dichloroethylene                        | ND          | 0.500           | "        |             |                |             |               |      |     |           |      |
| trans-1,3-Dichloropropylene                       | ND          | 0.500           | "        |             |                |             |               |      |     |           |      |
| Trichloroethylene                                 | 0.350       | 0.500           | "        |             |                |             |               |      |     |           |      |
| Trichlorofluoromethane                            | ND          | 0.500           | "        |             |                |             |               |      |     |           |      |
| Vinyl Chloride                                    | ND          | 0.500           | "        |             |                |             |               |      |     |           |      |
| Xylenes, Total                                    | ND          | 1.50            | "        |             |                |             |               |      |     |           |      |
| <i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>     | <i>10.6</i> |                 | <i>"</i> | <i>10.0</i> |                | <i>106</i>  | <i>70-130</i> |      |     |           |      |
| <i>Surrogate: SURR: Toluene-d8</i>                | <i>9.47</i> |                 | <i>"</i> | <i>10.0</i> |                | <i>94.7</i> | <i>70-130</i> |      |     |           |      |
| <i>Surrogate: SURR: p-Bromofluorobenzene</i>      | <i>9.71</i> |                 | <i>"</i> | <i>10.0</i> |                | <i>97.1</i> | <i>70-130</i> |      |     |           |      |
| <b>LCS (BD20684-BS1)</b>                          |             |                 |          |             |                |             |               |      |     |           |      |
| Prepared & Analyzed: 04/12/2022                   |             |                 |          |             |                |             |               |      |     |           |      |
| 1,1,1,2-Tetrachloroethane                         | 9.06        |                 | ug/L     | 10.0        |                | 90.6        | 82-126        |      |     | 30        |      |
| 1,1,1-Trichloroethane                             | 10.7        |                 | "        | 10.0        |                | 107         | 70-130        |      |     | 20        |      |
| 1,1,2,2-Tetrachloroethane                         | 8.50        |                 | "        | 10.0        |                | 85.0        | 70-130        |      |     | 20        |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.7        |                 | "        | 10.0        |                | 117         | 70-130        |      |     | 20        |      |
| 1,1,2-Trichloroethane                             | 8.49        |                 | "        | 10.0        |                | 84.9        | 70-130        |      |     | 20        |      |
| 1,1-Dichloroethane                                | 10.0        |                 | "        | 10.0        |                | 100         | 70-130        |      |     | 20        |      |
| 1,1-Dichloroethylene                              | 10.6        |                 | "        | 10.0        |                | 106         | 70-130        |      |     | 20        |      |
| 1,2,3-Trichlorobenzene                            | 8.00        |                 | "        | 10.0        |                | 80.0        | 70-130        |      |     | 20        |      |
| 1,2,3-Trichloropropane                            | 8.45        |                 | "        | 10.0        |                | 84.5        | 77-128        |      |     | 30        |      |
| 1,2,4-Trichlorobenzene                            | 8.08        |                 | "        | 10.0        |                | 80.8        | 70-130        |      |     | 20        |      |
| 1,2,4-Trimethylbenzene                            | 8.70        |                 | "        | 10.0        |                | 87.0        | 82-132        |      |     | 20        |      |
| 1,2-Dibromo-3-chloropropane                       | 7.87        |                 | "        | 10.0        |                | 78.7        | 40-160        |      |     | 20        |      |
| 1,2-Dibromoethane                                 | 8.72        |                 | "        | 10.0        |                | 87.2        | 70-130        |      |     | 20        |      |
| 1,2-Dichlorobenzene                               | 8.76        |                 | "        | 10.0        |                | 87.6        | 70-130        |      |     | 20        |      |
| 1,2-Dichloroethane                                | 10.1        |                 | "        | 10.0        |                | 101         | 70-130        |      |     | 20        |      |
| 1,2-Dichloropropane                               | 8.71        |                 | "        | 10.0        |                | 87.1        | 70-130        |      |     | 20        |      |
| 1,3,5-Trimethylbenzene                            | 8.66        |                 | "        | 10.0        |                | 86.6        | 80-131        |      |     | 30        |      |
| 1,3-Dichlorobenzene                               | 8.78        |                 | "        | 10.0        |                | 87.8        | 70-130        |      |     | 20        |      |
| 1,4-Dichlorobenzene                               | 8.82        |                 | "        | 10.0        |                | 88.2        | 70-130        |      |     | 20        |      |
| 1,4-Dioxane                                       | 145         |                 | "        | 210         |                | 69.2        | 40-160        |      |     | 20        |      |
| 2-Butanone                                        | 9.69        |                 | "        | 10.0        |                | 96.9        | 40-160        |      |     | 20        |      |
| 2-Hexanone                                        | 7.18        |                 | "        | 10.0        |                | 71.8        | 40-160        |      |     | 20        |      |
| 4-Methyl-2-pentanone                              | 7.79        |                 | "        | 10.0        |                | 77.9        | 40-160        |      |     | 20        |      |
| Acetone                                           | 5.86        |                 | "        | 10.0        |                | 58.6        | 40-160        |      |     | 20        |      |
| Acrolein                                          | 10.2        |                 | "        | 10.0        |                | 102         | 10-153        |      |     | 30        |      |
| Acrylonitrile                                     | 8.75        |                 | "        | 10.0        |                | 87.5        | 51-150        |      |     | 30        |      |
| Benzene                                           | 10.3        |                 | "        | 10.0        |                | 103         | 70-130        |      |     | 20        |      |
| Bromochloromethane                                | 8.99        |                 | "        | 10.0        |                | 89.9        | 70-130        |      |     | 20        |      |



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

### York Analytical Laboratories, Inc.

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

#### Batch BD20684 - EPA 5030B

#### LCS (BD20684-BS1)

Prepared & Analyzed: 04/12/2022

|                                        |      |  |      |      |  |      |        |          |  |    |  |
|----------------------------------------|------|--|------|------|--|------|--------|----------|--|----|--|
| Bromodichloromethane                   | 8.85 |  | ug/L | 10.0 |  | 88.5 | 70-130 |          |  | 20 |  |
| Bromoform                              | 8.84 |  | "    | 10.0 |  | 88.4 | 70-130 |          |  | 20 |  |
| Bromomethane                           | 2.93 |  | "    | 10.0 |  | 29.3 | 40-160 | Low Bias |  | 20 |  |
| Carbon disulfide                       | 11.0 |  | "    | 10.0 |  | 110  | 40-160 |          |  | 20 |  |
| Carbon tetrachloride                   | 10.9 |  | "    | 10.0 |  | 109  | 70-130 |          |  | 20 |  |
| Chlorobenzene                          | 9.87 |  | "    | 10.0 |  | 98.7 | 70-130 |          |  | 20 |  |
| Chloroethane                           | 10.7 |  | "    | 10.0 |  | 107  | 40-160 |          |  | 20 |  |
| Chloroform                             | 10.2 |  | "    | 10.0 |  | 102  | 70-130 |          |  | 20 |  |
| Chloromethane                          | 7.45 |  | "    | 10.0 |  | 74.5 | 40-160 |          |  | 20 |  |
| cis-1,2-Dichloroethylene               | 10.6 |  | "    | 10.0 |  | 106  | 70-130 |          |  | 20 |  |
| cis-1,3-Dichloropropylene              | 8.78 |  | "    | 10.0 |  | 87.8 | 70-130 |          |  | 20 |  |
| Cyclohexane                            | 9.70 |  | "    | 10.0 |  | 97.0 | 70-130 |          |  | 20 |  |
| Dibromochloromethane                   | 8.77 |  | "    | 10.0 |  | 87.7 | 70-130 |          |  | 20 |  |
| Dibromomethane                         | 8.75 |  | "    | 10.0 |  | 87.5 | 72-134 |          |  | 30 |  |
| Dichlorodifluoromethane                | 8.67 |  | "    | 10.0 |  | 86.7 | 40-160 |          |  | 20 |  |
| Ethyl Benzene                          | 9.42 |  | "    | 10.0 |  | 94.2 | 70-130 |          |  | 20 |  |
| Hexachlorobutadiene                    | 7.69 |  | "    | 10.0 |  | 76.9 | 67-146 |          |  | 30 |  |
| Isopropylbenzene                       | 9.10 |  | "    | 10.0 |  | 91.0 | 70-130 |          |  | 20 |  |
| Methyl acetate                         | 7.86 |  | "    | 10.0 |  | 78.6 | 70-130 |          |  | 20 |  |
| Methyl tert-butyl ether (MTBE)         | 9.92 |  | "    | 10.0 |  | 99.2 | 70-130 |          |  | 20 |  |
| Methylcyclohexane                      | 8.87 |  | "    | 10.0 |  | 88.7 | 70-130 |          |  | 20 |  |
| Methylene chloride                     | 8.09 |  | "    | 10.0 |  | 80.9 | 70-130 |          |  | 20 |  |
| n-Butylbenzene                         | 8.62 |  | "    | 10.0 |  | 86.2 | 79-132 |          |  | 30 |  |
| n-Propylbenzene                        | 8.76 |  | "    | 10.0 |  | 87.6 | 78-133 |          |  | 30 |  |
| o-Xylene                               | 9.39 |  | "    | 10.0 |  | 93.9 | 70-130 |          |  | 20 |  |
| p- & m- Xylenes                        | 19.5 |  | "    | 20.0 |  | 97.3 | 70-130 |          |  | 20 |  |
| p-Isopropyltoluene                     | 8.71 |  | "    | 10.0 |  | 87.1 | 81-136 |          |  | 30 |  |
| sec-Butylbenzene                       | 8.55 |  | "    | 10.0 |  | 85.5 | 79-137 |          |  | 30 |  |
| Styrene                                | 8.99 |  | "    | 10.0 |  | 89.9 | 70-130 |          |  | 20 |  |
| tert-Butyl alcohol (TBA)               | 47.0 |  | "    | 50.0 |  | 94.1 | 25-162 |          |  | 30 |  |
| tert-Butylbenzene                      | 8.82 |  | "    | 10.0 |  | 88.2 | 77-138 |          |  | 30 |  |
| Tetrachloroethylene                    | 5.89 |  | "    | 10.0 |  | 58.9 | 70-130 | Low Bias |  | 20 |  |
| Toluene                                | 9.62 |  | "    | 10.0 |  | 96.2 | 70-130 |          |  | 20 |  |
| trans-1,2-Dichloroethylene             | 10.3 |  | "    | 10.0 |  | 103  | 70-130 |          |  | 20 |  |
| trans-1,3-Dichloropropylene            | 8.57 |  | "    | 10.0 |  | 85.7 | 70-130 |          |  | 20 |  |
| Trichloroethylene                      | 10.1 |  | "    | 10.0 |  | 101  | 70-130 |          |  | 20 |  |
| Trichlorofluoromethane                 | 10.3 |  | "    | 10.0 |  | 103  | 40-160 |          |  | 20 |  |
| Vinyl Chloride                         | 9.74 |  | "    | 10.0 |  | 97.4 | 70-130 |          |  | 20 |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 9.94 |  | "    | 10.0 |  | 99.4 | 70-130 |          |  |    |  |
| Surrogate: SURR: Toluene-d8            | 9.49 |  | "    | 10.0 |  | 94.9 | 70-130 |          |  |    |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 9.73 |  | "    | 10.0 |  | 97.3 | 70-130 |          |  |    |  |



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

**York Analytical Laboratories, Inc.**

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag     | RPD   | RPD Limit | Flag |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|-------|-----------|------|
| <b>Batch BD20684 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |          |       |           |      |
| <b>LCS Dup (BD20684-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 04/12/2022 |             |          |       |           |      |
| 1,1,1,2-Tetrachloroethane                         | 8.95   |                 | ug/L  | 10.0        |                | 89.5                            | 82-126      |          | 1.22  | 30        |      |
| 1,1,1-Trichloroethane                             | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |          | 3.52  | 20        |      |
| 1,1,2,2-Tetrachloroethane                         | 8.67   |                 | "     | 10.0        |                | 86.7                            | 70-130      |          | 1.98  | 20        |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.2   |                 | "     | 10.0        |                | 112                             | 70-130      |          | 4.20  | 20        |      |
| 1,1,2-Trichloroethane                             | 8.71   |                 | "     | 10.0        |                | 87.1                            | 70-130      |          | 2.56  | 20        |      |
| 1,1-Dichloroethane                                | 9.82   |                 | "     | 10.0        |                | 98.2                            | 70-130      |          | 2.12  | 20        |      |
| 1,1-Dichloroethylene                              | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |          | 5.71  | 20        |      |
| 1,2,3-Trichlorobenzene                            | 8.04   |                 | "     | 10.0        |                | 80.4                            | 70-130      |          | 0.499 | 20        |      |
| 1,2,3-Trichloropropane                            | 8.64   |                 | "     | 10.0        |                | 86.4                            | 77-128      |          | 2.22  | 30        |      |
| 1,2,4-Trichlorobenzene                            | 8.05   |                 | "     | 10.0        |                | 80.5                            | 70-130      |          | 0.372 | 20        |      |
| 1,2,4-Trimethylbenzene                            | 8.52   |                 | "     | 10.0        |                | 85.2                            | 82-132      |          | 2.09  | 20        |      |
| 1,2-Dibromo-3-chloropropane                       | 8.39   |                 | "     | 10.0        |                | 83.9                            | 40-160      |          | 6.40  | 20        |      |
| 1,2-Dibromoethane                                 | 8.94   |                 | "     | 10.0        |                | 89.4                            | 70-130      |          | 2.49  | 20        |      |
| 1,2-Dichlorobenzene                               | 8.64   |                 | "     | 10.0        |                | 86.4                            | 70-130      |          | 1.38  | 20        |      |
| 1,2-Dichloroethane                                | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |          | 2.16  | 20        |      |
| 1,2-Dichloropropane                               | 8.64   |                 | "     | 10.0        |                | 86.4                            | 70-130      |          | 0.807 | 20        |      |
| 1,3,5-Trimethylbenzene                            | 8.51   |                 | "     | 10.0        |                | 85.1                            | 80-131      |          | 1.75  | 30        |      |
| 1,3-Dichlorobenzene                               | 8.56   |                 | "     | 10.0        |                | 85.6                            | 70-130      |          | 2.54  | 20        |      |
| 1,4-Dichlorobenzene                               | 8.66   |                 | "     | 10.0        |                | 86.6                            | 70-130      |          | 1.83  | 20        |      |
| 1,4-Dioxane                                       | 155    |                 | "     | 210         |                | 73.9                            | 40-160      |          | 6.48  | 20        |      |
| 2-Butanone                                        | 10.4   |                 | "     | 10.0        |                | 104                             | 40-160      |          | 7.16  | 20        |      |
| 2-Hexanone                                        | 7.57   |                 | "     | 10.0        |                | 75.7                            | 40-160      |          | 5.29  | 20        |      |
| 4-Methyl-2-pentanone                              | 8.20   |                 | "     | 10.0        |                | 82.0                            | 40-160      |          | 5.13  | 20        |      |
| Acetone                                           | 6.15   |                 | "     | 10.0        |                | 61.5                            | 40-160      |          | 4.83  | 20        |      |
| Acrolein                                          | 10.8   |                 | "     | 10.0        |                | 108                             | 10-153      |          | 5.14  | 30        |      |
| Acrylonitrile                                     | 8.83   |                 | "     | 10.0        |                | 88.3                            | 51-150      |          | 0.910 | 30        |      |
| Benzene                                           | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |          | 1.77  | 20        |      |
| Bromochloromethane                                | 9.11   |                 | "     | 10.0        |                | 91.1                            | 70-130      |          | 1.33  | 20        |      |
| Bromodichloromethane                              | 8.78   |                 | "     | 10.0        |                | 87.8                            | 70-130      |          | 0.794 | 20        |      |
| Bromoform                                         | 9.15   |                 | "     | 10.0        |                | 91.5                            | 70-130      |          | 3.45  | 20        |      |
| Bromomethane                                      | 3.01   |                 | "     | 10.0        |                | 30.1                            | 40-160      | Low Bias | 2.69  | 20        |      |
| Carbon disulfide                                  | 10.6   |                 | "     | 10.0        |                | 106                             | 40-160      |          | 4.63  | 20        |      |
| Carbon tetrachloride                              | 10.5   |                 | "     | 10.0        |                | 105                             | 70-130      |          | 3.45  | 20        |      |
| Chlorobenzene                                     | 9.72   |                 | "     | 10.0        |                | 97.2                            | 70-130      |          | 1.53  | 20        |      |
| Chloroethane                                      | 10.3   |                 | "     | 10.0        |                | 103                             | 40-160      |          | 3.53  | 20        |      |
| Chloroform                                        | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |          | 0.989 | 20        |      |
| Chloromethane                                     | 6.93   |                 | "     | 10.0        |                | 69.3                            | 40-160      |          | 7.23  | 20        |      |
| cis-1,2-Dichloroethylene                          | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |          | 6.01  | 20        |      |
| cis-1,3-Dichloropropylene                         | 8.71   |                 | "     | 10.0        |                | 87.1                            | 70-130      |          | 0.800 | 20        |      |
| Cyclohexane                                       | 9.33   |                 | "     | 10.0        |                | 93.3                            | 70-130      |          | 3.89  | 20        |      |
| Dibromochloromethane                              | 8.89   |                 | "     | 10.0        |                | 88.9                            | 70-130      |          | 1.36  | 20        |      |
| Dibromomethane                                    | 8.80   |                 | "     | 10.0        |                | 88.0                            | 72-134      |          | 0.570 | 30        |      |
| Dichlorodifluoromethane                           | 8.30   |                 | "     | 10.0        |                | 83.0                            | 40-160      |          | 4.36  | 20        |      |
| Ethyl Benzene                                     | 9.20   |                 | "     | 10.0        |                | 92.0                            | 70-130      |          | 2.36  | 20        |      |
| Hexachlorobutadiene                               | 8.05   |                 | "     | 10.0        |                | 80.5                            | 67-146      |          | 4.57  | 30        |      |
| Isopropylbenzene                                  | 8.81   |                 | "     | 10.0        |                | 88.1                            | 70-130      |          | 3.24  | 20        |      |
| Methyl acetate                                    | 8.37   |                 | "     | 10.0        |                | 83.7                            | 70-130      |          | 6.28  | 20        |      |
| Methyl tert-butyl ether (MTBE)                    | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |          | 4.15  | 20        |      |
| Methylcyclohexane                                 | 8.61   |                 | "     | 10.0        |                | 86.1                            | 70-130      |          | 2.97  | 20        |      |
| Methylene chloride                                | 8.13   |                 | "     | 10.0        |                | 81.3                            | 70-130      |          | 0.493 | 20        |      |



## 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 BD20684 - EPA 5030B

#### LCS Dup (BD20684-BSD1)

Prepared & Analyzed: 04/12/2022

|                                        |      |  |      |      |  |      |        |          |       |    |  |
|----------------------------------------|------|--|------|------|--|------|--------|----------|-------|----|--|
| n-Butylbenzene                         | 8.39 |  | ug/L | 10.0 |  | 83.9 | 79-132 |          | 2.70  | 30 |  |
| n-Propylbenzene                        | 8.44 |  | "    | 10.0 |  | 84.4 | 78-133 |          | 3.72  | 30 |  |
| o-Xylene                               | 9.23 |  | "    | 10.0 |  | 92.3 | 70-130 |          | 1.72  | 20 |  |
| p- & m- Xylenes                        | 19.0 |  | "    | 20.0 |  | 94.8 | 70-130 |          | 2.55  | 20 |  |
| p-Isopropyltoluene                     | 8.67 |  | "    | 10.0 |  | 86.7 | 81-136 |          | 0.460 | 30 |  |
| sec-Butylbenzene                       | 8.45 |  | "    | 10.0 |  | 84.5 | 79-137 |          | 1.18  | 30 |  |
| Styrene                                | 8.84 |  | "    | 10.0 |  | 88.4 | 70-130 |          | 1.68  | 20 |  |
| tert-Butyl alcohol (TBA)               | 50.3 |  | "    | 50.0 |  | 101  | 25-162 |          | 6.74  | 30 |  |
| tert-Butylbenzene                      | 8.65 |  | "    | 10.0 |  | 86.5 | 77-138 |          | 1.95  | 30 |  |
| Tetrachloroethylene                    | 5.62 |  | "    | 10.0 |  | 56.2 | 70-130 | Low Bias | 4.69  | 20 |  |
| Toluene                                | 9.18 |  | "    | 10.0 |  | 91.8 | 70-130 |          | 4.68  | 20 |  |
| trans-1,2-Dichloroethylene             | 10.0 |  | "    | 10.0 |  | 100  | 70-130 |          | 2.66  | 20 |  |
| trans-1,3-Dichloropropylene            | 8.56 |  | "    | 10.0 |  | 85.6 | 70-130 |          | 0.117 | 20 |  |
| Trichloroethylene                      | 9.17 |  | "    | 10.0 |  | 91.7 | 70-130 |          | 9.26  | 20 |  |
| Trichlorofluoromethane                 | 9.93 |  | "    | 10.0 |  | 99.3 | 40-160 |          | 3.75  | 20 |  |
| Vinyl Chloride                         | 9.29 |  | "    | 10.0 |  | 92.9 | 70-130 |          | 4.73  | 20 |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.3 |  | "    | 10.0 |  | 103  | 70-130 |          |       |    |  |
| Surrogate: SURR: Toluene-d8            | 9.49 |  | "    | 10.0 |  | 94.9 | 70-130 |          |       |    |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 9.65 |  | "    | 10.0 |  | 96.5 | 70-130 |          |       |    |  |



## Metals by ICP/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 BD20811 - EPA 3015A

##### Blank (BD20811-BLK1)

Prepared: 04/13/2022 Analyzed: 04/14/2022

|           |      |       |      |
|-----------|------|-------|------|
| Antimony  | ND   | 1.00  | ug/L |
| Arsenic   | ND   | 1.00  | "    |
| Beryllium | ND   | 0.300 | "    |
| Cadmium   | ND   | 0.500 | "    |
| Chromium  | ND   | 1.00  | "    |
| Copper    | ND   | 1.00  | "    |
| Lead      | ND   | 1.00  | "    |
| Nickel    | ND   | 1.00  | "    |
| Selenium  | ND   | 1.00  | "    |
| Silver    | ND   | 1.00  | "    |
| Thallium  | ND   | 1.00  | "    |
| Zinc      | 2.87 | 1.00  | "    |

##### LCS (BD20811-BS1)

Prepared: 04/13/2022 Analyzed: 04/14/2022

|           |      |      |      |      |        |
|-----------|------|------|------|------|--------|
| Antimony  | 45.8 | ug/L | 50.0 | 91.7 | 80-120 |
| Arsenic   | 52.4 | "    | 50.0 | 105  | 80-120 |
| Beryllium | 43.3 | "    | 50.0 | 86.5 | 80-120 |
| Cadmium   | 49.3 | "    | 50.0 | 98.7 | 80-120 |
| Chromium  | 43.2 | "    | 50.0 | 86.4 | 80-120 |
| Copper    | 44.5 | "    | 50.0 | 89.0 | 80-120 |
| Lead      | 45.1 | "    | 50.0 | 90.2 | 80-120 |
| Nickel    | 42.3 | "    | 50.0 | 84.5 | 80-120 |
| Selenium  | 55.8 | "    | 50.0 | 112  | 80-120 |
| Silver    | 36.1 | "    | 50.0 | 72.2 | 80-120 |
| Thallium  | 48.2 | "    | 50.0 | 96.4 | 80-120 |
| Zinc      | 51.6 | "    | 50.0 | 103  | 80-120 |

Low Bias

##### Duplicate (BD20811-DUP1)

\*Source sample: 22D0503-01 (Duplicate)

Prepared: 04/13/2022 Analyzed: 04/14/2022

|           |      |       |      |      |        |    |
|-----------|------|-------|------|------|--------|----|
| Antimony  | 1.30 | 1.00  | ug/L | 1.30 | 0.0254 | 20 |
| Arsenic   | ND   | 1.00  | "    | ND   |        | 20 |
| Beryllium | ND   | 0.300 | "    | ND   |        | 20 |
| Cadmium   | ND   | 0.500 | "    | ND   |        | 20 |
| Chromium  | 1.01 | 1.00  | "    | ND   |        | 20 |
| Copper    | 7.52 | 1.00  | "    | 10.5 | 33.5   | 20 |
| Lead      | ND   | 1.00  | "    | ND   |        | 20 |
| Nickel    | 1.90 | 1.00  | "    | 1.97 | 3.85   | 20 |
| Selenium  | ND   | 1.00  | "    | ND   |        | 20 |
| Silver    | ND   | 1.00  | "    | ND   |        | 20 |
| Thallium  | ND   | 1.00  | "    | ND   |        | 20 |
| Zinc      | 121  | 1.00  | "    | 145  | 18.0   | 20 |

Non-dir.



## Metals by ICP/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 BD20811 - EPA 3015A

|                                   |      |                                           |      |      |        |      |                                           |          |  |  |  |
|-----------------------------------|------|-------------------------------------------|------|------|--------|------|-------------------------------------------|----------|--|--|--|
| <b>Matrix Spike (BD20811-MS1)</b> |      | *Source sample: 22D0503-01 (Matrix Spike) |      |      |        |      | Prepared: 04/13/2022 Analyzed: 04/14/2022 |          |  |  |  |
| Antimony                          | 45.6 |                                           | ug/L | 50.0 | 1.30   | 88.6 | 75-125                                    |          |  |  |  |
| Arsenic                           | 49.9 |                                           | "    | 50.0 | 0.262  | 99.2 | 75-125                                    |          |  |  |  |
| Beryllium                         | 38.5 |                                           | "    | 50.0 | 0.007  | 76.9 | 75-125                                    |          |  |  |  |
| Cadmium                           | 47.3 |                                           | "    | 50.0 | 0.014  | 94.6 | 75-125                                    |          |  |  |  |
| Chromium                          | 42.3 |                                           | "    | 50.0 | 0.709  | 83.1 | 75-125                                    |          |  |  |  |
| Copper                            | 48.5 |                                           | "    | 50.0 | 10.5   | 75.9 | 75-125                                    |          |  |  |  |
| Lead                              | 43.2 |                                           | "    | 50.0 | 0.507  | 85.5 | 75-125                                    |          |  |  |  |
| Nickel                            | 42.0 |                                           | "    | 50.0 | 1.97   | 80.1 | 75-125                                    |          |  |  |  |
| Selenium                          | 53.9 |                                           | "    | 50.0 | -0.568 | 108  | 75-125                                    |          |  |  |  |
| Silver                            | 32.8 |                                           | "    | 50.0 | 0.004  | 65.6 | 75-125                                    | Low Bias |  |  |  |
| Thallium                          | 46.1 |                                           | "    | 50.0 | 0.005  | 92.2 | 75-125                                    |          |  |  |  |
| Zinc                              | 156  |                                           | "    | 50.0 | 145    | 20.5 | 75-125                                    | Low Bias |  |  |  |

|                                   |      |                                           |      |      |        |      |                                           |          |  |  |  |
|-----------------------------------|------|-------------------------------------------|------|------|--------|------|-------------------------------------------|----------|--|--|--|
| <b>Matrix Spike (BD20811-MS2)</b> |      | *Source sample: 22D0501-02 (Matrix Spike) |      |      |        |      | Prepared: 04/13/2022 Analyzed: 04/14/2022 |          |  |  |  |
| Antimony                          | 41.1 |                                           | ug/L | 50.0 | 0.049  | 82.1 | 75-125                                    |          |  |  |  |
| Arsenic                           | 50.1 |                                           | "    | 50.0 | 0.050  | 100  | 75-125                                    |          |  |  |  |
| Beryllium                         | 39.9 |                                           | "    | 50.0 | 0.0004 | 79.7 | 75-125                                    |          |  |  |  |
| Cadmium                           | 49.2 |                                           | "    | 50.0 | 0.024  | 98.4 | 75-125                                    |          |  |  |  |
| Chromium                          | 53.9 |                                           | "    | 50.0 | 0.828  | 106  | 75-125                                    |          |  |  |  |
| Copper                            | 59.0 |                                           | "    | 50.0 | 17.8   | 82.3 | 75-125                                    |          |  |  |  |
| Lead                              | 45.3 |                                           | "    | 50.0 | 0.412  | 89.8 | 75-125                                    |          |  |  |  |
| Nickel                            | 58.2 |                                           | "    | 50.0 | 12.0   | 92.5 | 75-125                                    |          |  |  |  |
| Selenium                          | 53.7 |                                           | "    | 50.0 | -2.24  | 107  | 75-125                                    |          |  |  |  |
| Silver                            | 33.8 |                                           | "    | 50.0 | 0.0008 | 67.6 | 75-125                                    | Low Bias |  |  |  |
| Thallium                          | 47.0 |                                           | "    | 50.0 | -0.001 | 94.1 | 75-125                                    |          |  |  |  |
| Zinc                              | 65.7 |                                           | "    | 50.0 | 45.2   | 41.0 | 75-125                                    | Low Bias |  |  |  |



## Mercury by EPA 7000/200 Series Methods - 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 BD20298 - EPA SW846-7470A</b>     |           |                    |       |                |                   |      |                |                                 |     |              |      |
| <b>Blank (BD20298-BLK1)</b>                |           |                    |       |                |                   |      |                |                                 |     |              |      |
|                                            |           |                    |       |                |                   |      |                | Prepared & Analyzed: 04/05/2022 |     |              |      |
| Mercury                                    | ND        | 0.0002             | mg/L  |                |                   |      |                |                                 |     |              |      |
| <b>LCS (BD20298-BS1)</b>                   |           |                    |       |                |                   |      |                |                                 |     |              |      |
|                                            |           |                    |       |                |                   |      |                | Prepared & Analyzed: 04/05/2022 |     |              |      |
| Mercury                                    | 0.0021572 | 0.0002             | mg/L  | 0.00200        |                   | 108  | 80-120         |                                 |     |              |      |
| <b>Duplicate (BD20298-DUP1)</b>            |           |                    |       |                |                   |      |                |                                 |     |              |      |
| *Source sample: 22D0137-01 (KC-MW-01 0422) |           |                    |       |                |                   |      |                | Prepared & Analyzed: 04/05/2022 |     |              |      |
| Mercury                                    | ND        | 0.0002             | mg/L  |                | ND                |      |                |                                 |     | 20           |      |
| <b>Matrix Spike (BD20298-MS1)</b>          |           |                    |       |                |                   |      |                |                                 |     |              |      |
| *Source sample: 22D0137-01 (KC-MW-01 0422) |           |                    |       |                |                   |      |                | Prepared & Analyzed: 04/05/2022 |     |              |      |
| Mercury                                    | 0.0021    | 0.0002             | mg/L  | 0.00200        | ND                | 103  | 75-125         |                                 |     |              |      |





### Volatile Analysis Sample Containers

| Lab ID     | Client Sample ID | Volatile Sample Container                     |
|------------|------------------|-----------------------------------------------|
| 22D0137-01 | KC-MW-01 0422    | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 22D0137-02 | KC-MW-02 0422    | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 22D0137-03 | KC-MW-05 0422    | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 22D0137-04 | KC-MW-07 0422    | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 22D0137-05 | KC-FD-001 0422   | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 22D0137-06 | TRIP BLANK 0422  | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |



### Sample and Data Qualifiers Relating to This Work Order

|        |                                                                                                                                                                                                    |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QR-04  | The RPD exceeded control limits for the LCS/LCSD QC.                                                                                                                                               |
| QL-02  | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |
| M-SPKM | The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.                                                                                         |
| M-DUPS | The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity                                                                                             |
| M-BS   | The recovery for this element in the batch blank spike recovered slightly outside of control limits                                                                                                |
| M-BLK  | The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.                                |
| B      | Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.                                                                |

### Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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# Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615

132-02 89th Ave Queens, NY 11418

clientservices@yorklab.com

www.yorklab.com

800-306-YORK

800-306-9675

Page 1 of 1

## YOUR INFORMATION

Company: **LABELLA**  
Address:

Phone:

Contact: **ERIC ORLOWSKI**  
E-mail:

## Report To:

Company: **LABELLA**  
Address:

Phone:

Contact: **ERIC ORLOWSKI**  
E-mail:

## Invoice To:

Company: **LABELLA**  
Address:

Phone:

Contact: **ACCOUNTS PAYABLE**  
E-mail:

## YOUR PROJECT NUMBER

**02-1103.20/100**

## YOUR PROJECT NAME

**KINGSTON CVS-ANNUAL**

## Turn-Around Time

RUSH - Next Day

RUSH - Two Day

RUSH - Three Day

RUSH - Four Day

Standard (5-7 Day)

YOUR PO#:

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

**ERIC ORLOWSKI**

*Eric OrloWSKI*

Samples Collected by: (print AND sign your name)

## Sample Identification

**KC-MW-01 0422**  
**KC-MW-02 0422**  
**KC-MW-05 0422**  
**KC-MW-07 0422**  
**KC-FD-001 0422**  
**TRIP BLANK 0422**

## Samples From

New York  
New Jersey  
Connecticut  
Pennsylvania  
Other:

## Matrix Codes

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

## Report / EDD Type (circle selections)

Summary Report  
QA Report  
NY ASP A Package  
NY ASP B Package  
Other:

## YORK Reg. Comp.

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

## Analysis Requested

**8260 VOCs, TOTAL PRIORITY POLL. METALS**  
**TOTAL P.P. METALS**  
**1 x 250 mL**

## Container Description

**3 x 40 mL, 1 x 250 mL**

## Comments:

## Preservation: (check all that apply)

HCl ☒ MeOH ☒ HNO3 ☒ H2SO4 ☒ NaOH ☒  
ZnAc ☒ Ascorbic Acid ☒ Other: **4°C**

## Special Instruction

Field Filtered  
Lab to Filter

Samples Relinquished by / Company

**grolowski/LABELLA**

Date/Time: **4/5/2022 0930**

Samples Relinquished by / Company

**Chie York**

Date/Time: **4-5-22 9:30**

Samples Relinquished by / Company

**Chie York**

Date/Time: **4-5-22 9:30**

Samples Relinquished by / Company

**Chie York**

Date/Time: **4-5-22 1500**

Samples Relinquished by / Company

**Chie York**

Date/Time: **4-5-22 1500**

Samples Relinquished by / Company

**Chie York**

Date/Time: **4-5-22 1500**



# Technical Report

prepared for:

**LaBella Associates (Poughkeepsie)**

21 Fox Street

Poughkeepsie NY, 12601

**Attention: Eric Orlowski**

Report Date: 04/15/2022

**Client Project ID: CZ41103.20/0600 KINGSTON CVS-INJECTION**

York Project (SDG) No.: 22D0138

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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Report Date: 04/15/2022  
Client Project ID: CZ41103.20/0600 KINGSTON CVS-INJECTION  
York Project (SDG) No.: 22D0138

**LaBella Associates (Poughkeepsie)**

21 Fox Street  
Poughkeepsie NY, 12601  
Attention: Eric Orlowski

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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 April 05, 2022 and listed below. The project was identified as your project: **CZ41103.20/0600 KINGSTON CVS-INJECTION**.

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> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 22D0138-01            | KC-IW-01                | Water         | 04/04/2022            | 04/05/2022           |
| 22D0138-02            | KC-IW-02                | Water         | 04/04/2022            | 04/05/2022           |
| 22D0138-03            | KC-IW-03                | Water         | 04/04/2022            | 04/05/2022           |
| 22D0138-04            | KC-MW-08                | Water         | 04/04/2022            | 04/05/2022           |

## **General Notes for York Project (SDG) No.: 22D0138**

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

**Approved By:**



**Date:** 04/15/2022

Cassie L. Mosher  
Laboratory Manager







## Sample Information

**Client Sample ID:** KC-IW-01

**York Sample ID:** 22D0138-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 5:55 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 123-91-1 | 1,4-Dioxane                                          | ND     |      | ug/L  | 1000                   | 2000 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 78-93-3  | 2-Butanone                                           | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 591-78-6 | 2-Hexanone                                           | ND     |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |





## Sample Information

**Client Sample ID:** KC-IW-01

**York Sample ID:** 22D0138-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 5:55 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|------------|---------------------------------|------------|------|-------|------------------------|------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 108-10-1   | 4-Methyl-2-pentanone            | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 67-64-1    | Acetone                         | ND         |      | ug/L  | 25.0                   | 50.0 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 107-02-8   | Acrolein                        | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 107-13-1   | Acrylonitrile                   | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 71-43-2    | Benzene                         | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 74-97-5    | Bromochloromethane              | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 75-27-4    | Bromodichloromethane            | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 75-25-2    | Bromoform                       | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 74-83-9    | Bromomethane                    | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 75-15-0    | Carbon disulfide                | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 56-23-5    | Carbon tetrachloride            | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 108-90-7   | Chlorobenzene                   | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 75-00-3    | Chloroethane                    | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 67-66-3    | Chloroform                      | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 74-87-3    | Chloromethane                   | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>114</b> |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 110-82-7   | Cyclohexane                     | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 124-48-1   | Dibromochloromethane            | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 74-95-3    | Dibromomethane                  | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 75-71-8    | Dichlorodifluoromethane         | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 100-41-4   | Ethyl Benzene                   | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 87-68-3    | Hexachlorobutadiene             | ND         |      | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |



## Sample Information

**Client Sample ID:** KC-IW-01

**York Sample ID:** 22D0138-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 5:55 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|-----------------------------|-------------------------------------------|---------------|-------------------------|-------|------------------------|------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 98-82-8                     | Isopropylbenzene                          | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 79-20-9                     | Methyl acetate                            | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)            | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 108-87-2                    | Methylcyclohexane                         | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 75-09-2                     | Methylene chloride                        | ND            |                         | ug/L  | 25.0                   | 50.0 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 104-51-8                    | n-Butylbenzene                            | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 103-65-1                    | n-Propylbenzene                           | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 95-47-6                     | o-Xylene                                  | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 179601-23-1                 | p- & m- Xylenes                           | ND            |                         | ug/L  | 12.5                   | 25.0 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 99-87-6                     | p-Isopropyltoluene                        | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 135-98-8                    | sec-Butylbenzene                          | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 100-42-5                    | Styrene                                   | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            |                         | ug/L  | 12.5                   | 25.0 | 25       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 127-18-4                    | Tetrachloroethylene                       | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 108-88-3                    | Toluene                                   | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 156-60-5                    | trans-1,2-Dichloroethylene                | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 79-01-6                     | <b>Trichloroethylene</b>                  | <b>19.0</b>   |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 75-01-4                     | <b>Vinyl Chloride</b>                     | <b>104</b>    |                         | ug/L  | 5.00                   | 12.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| 1330-20-7                   | Xylenes, Total                            | ND            |                         | ug/L  | 15.0                   | 37.5 | 25       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       | 04/12/2022 09:00      | 04/12/2022 13:36      | JM      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                            |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 93.9 %        | 70-130                  |       |                        |      |          |                                                                            |                       |                       |         |



## Sample Information

**Client Sample ID:** KC-IW-01

**York Sample ID:** 22D0138-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 5:55 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|-----------|------------------------------------------|--------|------|-------|------------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
| 2037-26-5 | Surrogate: SURR: Toluene-d8              | 97.5 % |      |       | 70-130                 |     |          |                  |                       |                       |         |
| 460-00-4  | Surrogate: SURR:<br>p-Bromofluorobenzene | 100 %  |      |       | 70-130                 |     |          |                  |                       |                       |         |

## Sample Information

**Client Sample ID:** KC-IW-02

**York Sample ID:** 22D0138-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 6:05 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>41.0</b> |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 75-35-4  | <b>1,1-Dichloroethylene</b>                          | <b>70.0</b> |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |



## Sample Information

**Client Sample ID:** KC-IW-02

**York Sample ID:** 22D0138-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 6:05 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|----------|--------------------------|--------|------|-------|------------------------|------|----------|------------------------------|-------------------------------------------------------------------|-----------------------|---------|
| 78-87-5  | 1,2-Dichloropropane      | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 108-67-8 | 1,3,5-Trimethylbenzene   | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 541-73-1 | 1,3-Dichlorobenzene      | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 106-46-7 | 1,4-Dichlorobenzene      | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 123-91-1 | 1,4-Dioxane              | ND     |      | ug/L  | 4000                   | 8000 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/13/2022 14:01      | JM      |
| 78-93-3  | 2-Butanone               | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 591-78-6 | 2-Hexanone               | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 108-10-1 | 4-Methyl-2-pentanone     | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 67-64-1  | Acetone                  | ND     |      | ug/L  | 100                    | 200  | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 107-02-8 | Acrolein                 | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 107-13-1 | Acrylonitrile            | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 71-43-2  | Benzene                  | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 74-97-5  | Bromochloromethane       | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/13/2022 14:01      | JM      |
| 75-27-4  | Bromodichloromethane     | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 75-25-2  | Bromoform                | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 74-83-9  | Bromomethane             | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 75-15-0  | Carbon disulfide         | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 56-23-5  | Carbon tetrachloride     | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 108-90-7 | Chlorobenzene            | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 75-00-3  | Chloroethane             | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 67-66-3  | Chloroform               | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 74-87-3  | Chloromethane            | ND     |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 156-59-2 | cis-1,2-Dichloroethylene | 21800  |      | ug/L  | 1000                   | 2500 | 5000     | EPA 8260C<br>Certifications: | 04/14/2022 12:30<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/15/2022 04:30      | JM      |



## Sample Information

**Client Sample ID:** KC-IW-02

**York Sample ID:** 22D0138-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 6:05 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|-------------|--------------------------------|------------|------|-------|------------------------|------|----------|------------------------------|-------------------------------------------------------------------|-----------------------|---------|
| 10061-01-5  | cis-1,3-Dichloropropylene      | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 110-82-7    | Cyclohexane                    | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/13/2022 14:01      | JM      |
| 124-48-1    | Dibromochloromethane           | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 74-95-3     | Dibromomethane                 | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/13/2022 14:01      | JM      |
| 75-71-8     | Dichlorodifluoromethane        | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/13/2022 14:01      | JM      |
| 100-41-4    | Ethyl Benzene                  | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 87-68-3     | Hexachlorobutadiene            | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/13/2022 14:01      | JM      |
| 98-82-8     | Isopropylbenzene               | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 79-20-9     | Methyl acetate                 | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/13/2022 14:01      | JM      |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 108-87-2    | <b>Methylcyclohexane</b>       | <b>223</b> |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/13/2022 14:01      | JM      |
| 75-09-2     | Methylene chloride             | ND         |      | ug/L  | 100                    | 200  | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 104-51-8    | n-Butylbenzene                 | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 103-65-1    | n-Propylbenzene                | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 95-47-6     | o-Xylene                       | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 179601-23-1 | p- & m- Xylenes                | ND         |      | ug/L  | 50.0                   | 100  | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 99-87-6     | p-Isopropyltoluene             | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 135-98-8    | sec-Butylbenzene               | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 100-42-5    | Styrene                        | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND         |      | ug/L  | 50.0                   | 100  | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/13/2022 14:01      | JM      |
| 98-06-6     | tert-Butylbenzene              | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 127-18-4    | Tetrachloroethylene            | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |
| 108-88-3    | Toluene                        | ND         |      | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: | 04/13/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 14:01      | JM      |



## Sample Information

**Client Sample ID:** KC-IW-02

**York Sample ID:** 22D0138-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 6:05 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|----------------------|--------------------------------------------|--------|------------------|-------|------------------------|------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 156-60-5             | trans-1,2-Dichloroethylene                 | 1060   |                  | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 10061-02-6           | trans-1,3-Dichloropropylene                | ND     |                  | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 79-01-6              | Trichloroethylene                          | 23700  |                  | ug/L  | 1000                   | 2500 | 5000     | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/14/2022 12:30      | 04/15/2022 04:30      | JM      |
| 75-69-4              | Trichlorofluoromethane                     | ND     |                  | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 75-01-4              | Vinyl Chloride                             | 1840   |                  | ug/L  | 20.0                   | 50.0 | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| 1330-20-7            | Xylenes, Total                             | ND     |                  | ug/L  | 60.0                   | 150  | 100      | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       | 04/13/2022 09:00      | 04/13/2022 14:01      | JM      |
| Surrogate Recoveries |                                            | Result | Acceptance Range |       |                        |      |          |                                                                            |                       |                       |         |
| 17060-07-0           | Surrogate: SURRE:<br>1,2-Dichloroethane-d4 | 105 %  | 70-130           |       |                        |      |          |                                                                            |                       |                       |         |
| 2037-26-5            | Surrogate: SURRE: Toluene-d8               | 95.1 % | 70-130           |       |                        |      |          |                                                                            |                       |                       |         |
| 460-00-4             | Surrogate: SURRE:<br>p-Bromofluorobenzene  | 98.6 % | 70-130           |       |                        |      |          |                                                                            |                       |                       |         |

## Sample Information

**Client Sample ID:** KC-IW-03

**York Sample ID:** 22D0138-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 6:30 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |





## Sample Information

**Client Sample ID:** KC-IW-03

**York Sample ID:** 22D0138-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 6:30 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|----------|-----------------------------|--------|------|-------|------------------------|------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 87-61-6  | 1,2,3-Trichlorobenzene      | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 96-18-4  | 1,2,3-Trichloropropane      | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 120-82-1 | 1,2,4-Trichlorobenzene      | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 95-63-6  | 1,2,4-Trimethylbenzene      | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 106-93-4 | 1,2-Dibromoethane           | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 95-50-1  | 1,2-Dichlorobenzene         | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 107-06-2 | 1,2-Dichloroethane          | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 78-87-5  | 1,2-Dichloropropane         | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 108-67-8 | 1,3,5-Trimethylbenzene      | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 541-73-1 | 1,3-Dichlorobenzene         | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 106-46-7 | 1,4-Dichlorobenzene         | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 123-91-1 | 1,4-Dioxane                 | ND     |      | ug/L  | 2000                   | 4000 | 50       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 78-93-3  | 2-Butanone                  | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 591-78-6 | 2-Hexanone                  | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 108-10-1 | 4-Methyl-2-pentanone        | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 67-64-1  | Acetone                     | ND     |      | ug/L  | 50.0                   | 100  | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 107-02-8 | Acrolein                    | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 107-13-1 | Acrylonitrile               | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 71-43-2  | Benzene                     | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 74-97-5  | Bromochloromethane          | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 75-27-4  | Bromodichloromethane        | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 75-25-2  | Bromoform                   | ND     |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |



## Sample Information

**Client Sample ID:** KC-IW-03

**York Sample ID:** 22D0138-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 6:30 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|------------|---------------------------------|-------------|------|-------|------------------------|------|----------|------------------------------|-------------------------------------------------------------------|-----------------------|---------|
| 74-83-9    | Bromomethane                    | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 75-15-0    | Carbon disulfide                | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 56-23-5    | Carbon tetrachloride            | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 108-90-7   | Chlorobenzene                   | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 75-00-3    | Chloroethane                    | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 67-66-3    | Chloroform                      | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 74-87-3    | Chloromethane                   | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>3510</b> |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 110-82-7   | Cyclohexane                     | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 14:02      | JM      |
| 124-48-1   | Dibromochloromethane            | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 74-95-3    | Dibromomethane                  | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 14:02      | JM      |
| 75-71-8    | Dichlorodifluoromethane         | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 14:02      | JM      |
| 100-41-4   | Ethyl Benzene                   | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 87-68-3    | Hexachlorobutadiene             | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 14:02      | JM      |
| 98-82-8    | Isopropylbenzene                | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 79-20-9    | Methyl acetate                  | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 14:02      | JM      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE)  | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 108-87-2   | Methylcyclohexane               | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 14:02      | JM      |
| 75-09-2    | Methylene chloride              | ND          |      | ug/L  | 50.0                   | 100  | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 104-51-8   | n-Butylbenzene                  | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 103-65-1   | n-Propylbenzene                 | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |
| 95-47-6    | o-Xylene                        | ND          |      | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 14:02      | JM      |





## Sample Information

**Client Sample ID:** KC-IW-03

**York Sample ID:** 22D0138-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 6:30 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|-----------------------------|--------------------------------------------|---------------|-------------------------|-------|------------------------|------|----------|----------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 179601-23-1                 | p- & m- Xylenes                            | ND            |                         | ug/L  | 25.0                   | 50.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 99-87-6                     | p-Isopropyltoluene                         | ND            |                         | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 135-98-8                    | sec-Butylbenzene                           | ND            |                         | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 100-42-5                    | Styrene                                    | ND            |                         | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 75-65-0                     | tert-Butyl alcohol (TBA)                   | ND            |                         | ug/L  | 25.0                   | 50.0 | 50       | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 98-06-6                     | tert-Butylbenzene                          | ND            |                         | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 127-18-4                    | Tetrachloroethylene                        | ND            |                         | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 108-88-3                    | Toluene                                    | ND            |                         | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 156-60-5                    | <b>trans-1,2-Dichloroethylene</b>          | <b>14.5</b>   |                         | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 10061-02-6                  | trans-1,3-Dichloropropylene                | ND            |                         | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 79-01-6                     | <b>Trichloroethylene</b>                   | <b>3310</b>   |                         | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 75-69-4                     | Trichlorofluoromethane                     | ND            |                         | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 75-01-4                     | <b>Vinyl Chloride</b>                      | <b>223</b>    |                         | ug/L  | 10.0                   | 25.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| 1330-20-7                   | Xylenes, Total                             | ND            |                         | ug/L  | 30.0                   | 75.0 | 50       | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       | 04/12/2022 09:00      | 04/12/2022 14:02      | JM      |
| <b>Surrogate Recoveries</b> |                                            | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                            |                       |                       |         |
| 17060-07-0                  | Surrogate: SURRE:<br>1,2-Dichloroethane-d4 | 96.7 %        | 70-130                  |       |                        |      |          |                                                                            |                       |                       |         |
| 2037-26-5                   | Surrogate: SURRE: Toluene-d8               | 96.2 %        | 70-130                  |       |                        |      |          |                                                                            |                       |                       |         |
| 460-00-4                    | Surrogate: SURRE:<br>p-Bromofluorobenzene  | 99.3 %        | 70-130                  |       |                        |      |          |                                                                            |                       |                       |         |

## Sample Information

**Client Sample ID:** KC-MW-08

**York Sample ID:** 22D0138-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 2:51 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:



## Sample Information

**Client Sample ID:** KC-MW-08

**York Sample ID:** 22D0138-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 2:51 pm

04/05/2022

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  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                         | <b>1.36</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>1.71</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 123-91-1 | 1,4-Dioxane                                          | ND          |      | ug/L  | 40.0                   | 80.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 78-93-3  | 2-Butanone                                           | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 108-10-1 | 4-Methyl-2-pentanone                                 | ND          |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 67-64-1  | Acetone                                              | ND          |      | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |



## Sample Information

**Client Sample ID:** KC-MW-08

**York Sample ID:** 22D0138-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 2:51 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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 |
|------------|---------------------------------|--------------|------|-------|------------------------|-------|----------|------------------------------|-------------------------------------------------------------------|-----------------------|---------|
| 107-02-8   | Acrolein                        | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 107-13-1   | Acrylonitrile                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 71-43-2    | Benzene                         | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 74-97-5    | Bromochloromethane              | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 15:53      | PD      |
| 75-27-4    | Bromodichloromethane            | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 75-25-2    | Bromoform                       | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 74-83-9    | Bromomethane                    | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 75-15-0    | Carbon disulfide                | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 56-23-5    | Carbon tetrachloride            | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 108-90-7   | Chlorobenzene                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 75-00-3    | Chloroethane                    | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 67-66-3    | Chloroform                      | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 74-87-3    | Chloromethane                   | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>82.9</b>  |      | ug/L  | 0.400                  | 1.00  | 2        | EPA 8260C<br>Certifications: | 04/12/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/12/2022 16:10      | JM      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 110-82-7   | Cyclohexane                     | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 15:53      | PD      |
| 124-48-1   | Dibromochloromethane            | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 74-95-3    | Dibromomethane                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 15:53      | PD      |
| 75-71-8    | Dichlorodifluoromethane         | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 15:53      | PD      |
| 100-41-4   | <b>Ethyl Benzene</b>            | <b>0.210</b> |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 87-68-3    | Hexachlorobutadiene             | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 15:53      | PD      |
| 98-82-8    | Isopropylbenzene                | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 15:53      | PD      |
| 79-20-9    | Methyl acetate                  | ND           |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 04/11/2022 09:00<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 15:53      | PD      |



## Sample Information

**Client Sample ID:** KC-MW-08

**York Sample ID:** 22D0138-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0138

CZ41103.20/0600 KINGSTON CVS-INJECTION

Water

April 4, 2022 2:51 pm

04/05/2022

### Volatile Organics, 8260 - Comprehensive

### 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  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 108-87-2                    | Methylcyclohexane                         | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 75-09-2                     | Methylene chloride                        | ND            |                         | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 104-51-8                    | n-Butylbenzene                            | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 103-65-1                    | n-Propylbenzene                           | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 95-47-6                     | <b>o-Xylene</b>                           | <b>0.210</b>  |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP       | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 179601-23-1                 | <b>p- &amp; m- Xylenes</b>                | <b>0.780</b>  |                         | ug/L  | 0.500                  | 1.00  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP       | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 99-87-6                     | p-Isopropyltoluene                        | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 135-98-8                    | sec-Butylbenzene                          | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 100-42-5                    | Styrene                                   | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 75-65-0                     | tert-Butyl alcohol (TBA)                  | ND            |                         | ug/L  | 0.500                  | 1.00  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 98-06-6                     | tert-Butylbenzene                         | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 127-18-4                    | <b>Tetrachloroethylene</b>                | <b>0.200</b>  |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 108-88-3                    | <b>Toluene</b>                            | <b>3.47</b>   |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 156-60-5                    | <b>trans-1,2-Dichloroethylene</b>         | <b>1.11</b>   |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 10061-02-6                  | trans-1,3-Dichloropropylene               | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 79-01-6                     | <b>Trichloroethylene</b>                  | <b>66.4</b>   |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 75-69-4                     | Trichlorofluoromethane                    | ND            |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 75-01-4                     | <b>Vinyl Chloride</b>                     | <b>0.290</b>  |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| 1330-20-7                   | <b>Xylenes, Total</b>                     | <b>0.990</b>  |                         | ug/L  | 0.600                  | 1.50  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP       | 04/11/2022 09:00      | 04/11/2022 15:53      | PD      |
| <b>Surrogate Recoveries</b> |                                           | <b>Result</b> | <b>Acceptance Range</b> |       |                        |       |          |                                                                            |                       |                       |         |
| 17060-07-0                  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 107 %         | 70-130                  |       |                        |       |          |                                                                            |                       |                       |         |
| 2037-26-5                   | Surrogate: SURR: Toluene-d8               | 95.2 %        | 70-130                  |       |                        |       |          |                                                                            |                       |                       |         |
| 460-00-4                    | Surrogate: SURR:<br>p-Bromofluorobenzene  | 97.2 %        | 70-130                  |       |                        |       |          |                                                                            |                       |                       |         |



### Sample Information

**Client Sample ID:**    **KC-MW-08**

**York Sample ID:**        **22D0138-04**

|                               |                                        |               |                             |                      |
|-------------------------------|----------------------------------------|---------------|-----------------------------|----------------------|
| <u>York Project (SDG) No.</u> | <u>Client Project ID</u>               | <u>Matrix</u> | <u>Collection Date/Time</u> | <u>Date Received</u> |
| 22D0138                       | CZ41103.20/0600 KINGSTON CVS-INJECTION | Water         | April 4, 2022   2:51 pm     | 04/05/2022           |

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## Analytical Batch Summary

**Batch ID:** BD20598      **Preparation Method:** EPA 5030B      **Prepared By:** DS

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 22D0138-04     | KC-MW-08         | 04/11/22         |
| BD20598-BLK1   | Blank            | 04/11/22         |
| BD20598-BS1    | LCS              | 04/11/22         |
| BD20598-BSD1   | LCS Dup          | 04/11/22         |

**Batch ID:** BD20686      **Preparation Method:** EPA 5030B      **Prepared By:** JM

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 22D0138-01     | KC-IW-01         | 04/12/22         |
| 22D0138-03     | KC-IW-03         | 04/12/22         |
| 22D0138-04RE1  | KC-MW-08         | 04/12/22         |
| BD20686-BLK1   | Blank            | 04/12/22         |
| BD20686-BS1    | LCS              | 04/12/22         |
| BD20686-BSD1   | LCS Dup          | 04/12/22         |

**Batch ID:** BD20777      **Preparation Method:** EPA 5030B      **Prepared By:** DS

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 22D0138-02     | KC-IW-02         | 04/13/22         |
| BD20777-BLK1   | Blank            | 04/13/22         |
| BD20777-BS1    | LCS              | 04/13/22         |
| BD20777-BSD1   | LCS Dup          | 04/13/22         |

**Batch ID:** BD20901      **Preparation Method:** EPA 5030B      **Prepared By:** DS

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 22D0138-02RE3  | KC-IW-02         | 04/14/22         |
| BD20901-BLK1   | Blank            | 04/14/22         |
| BD20901-BS1    | LCS              | 04/14/22         |
| BD20901-BSD1   | LCS Dup          | 04/14/22         |



## 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 BD20598 - EPA 5030B</b>                  |        |                    |       |                |                   |      |                |      |     |                                 |      |
| <b>Blank (BD20598-BLK1)</b>                       |        |                    |       |                |                   |      |                |      |     |                                 |      |
|                                                   |        |                    |       |                |                   |      |                |      |     | Prepared & Analyzed: 04/11/2022 |      |
| 1,1,1,2-Tetrachloroethane                         | ND     | 0.500              | ug/L  |                |                   |      |                |      |     |                                 |      |
| 1,1,1-Trichloroethane                             | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1,2,2-Tetrachloroethane                         | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1,2-Trichloroethane                             | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1-Dichloroethane                                | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,1-Dichloroethylene                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,3-Trichlorobenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,3-Trichloropropane                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,4-Trichlorobenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2,4-Trimethylbenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dibromo-3-chloropropane                       | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dibromoethane                                 | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dichlorobenzene                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dichloroethane                                | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,2-Dichloropropane                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,3,5-Trimethylbenzene                            | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,3-Dichlorobenzene                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,4-Dichlorobenzene                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 1,4-Dioxane                                       | ND     | 80.0               | "     |                |                   |      |                |      |     |                                 |      |
| 2-Butanone                                        | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 2-Hexanone                                        | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| 4-Methyl-2-pentanone                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Acetone                                           | ND     | 2.00               | "     |                |                   |      |                |      |     |                                 |      |
| Acrolein                                          | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Acrylonitrile                                     | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Benzene                                           | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromochloromethane                                | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromodichloromethane                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromoform                                         | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Bromomethane                                      | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Carbon disulfide                                  | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Carbon tetrachloride                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chlorobenzene                                     | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chloroethane                                      | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chloroform                                        | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Chloromethane                                     | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| cis-1,2-Dichloroethylene                          | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| cis-1,3-Dichloropropylene                         | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Cyclohexane                                       | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Dibromochloromethane                              | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Dibromomethane                                    | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Dichlorodifluoromethane                           | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Ethyl Benzene                                     | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Hexachlorobutadiene                               | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Isopropylbenzene                                  | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Methyl acetate                                    | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Methyl tert-butyl ether (MTBE)                    | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |
| Methylcyclohexane                                 | ND     | 0.500              | "     |                |                   |      |                |      |     |                                 |      |



## 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 BD20598 - EPA 5030B

##### Blank (BD20598-BLK1)

Prepared & Analyzed: 04/11/2022

|                             |    |       |      |
|-----------------------------|----|-------|------|
| Methylene chloride          | ND | 2.00  | ug/L |
| n-Butylbenzene              | ND | 0.500 | "    |
| n-Propylbenzene             | ND | 0.500 | "    |
| o-Xylene                    | ND | 0.500 | "    |
| p- & m- Xylenes             | ND | 1.00  | "    |
| p-Isopropyltoluene          | ND | 0.500 | "    |
| sec-Butylbenzene            | ND | 0.500 | "    |
| Styrene                     | ND | 0.500 | "    |
| tert-Butyl alcohol (TBA)    | ND | 1.00  | "    |
| tert-Butylbenzene           | ND | 0.500 | "    |
| Tetrachloroethylene         | ND | 0.500 | "    |
| Toluene                     | ND | 0.500 | "    |
| trans-1,2-Dichloroethylene  | ND | 0.500 | "    |
| trans-1,3-Dichloropropylene | ND | 0.500 | "    |
| Trichloroethylene           | ND | 0.500 | "    |
| Trichlorofluoromethane      | ND | 0.500 | "    |
| Vinyl Chloride              | ND | 0.500 | "    |
| Xylenes, Total              | ND | 1.50  | "    |

Surrogate: SURRE: 1,2-Dichloroethane-d4

10.5

"

10.0

105

70-130

Surrogate: SURRE: Toluene-d8

9.75

"

10.0

97.5

70-130

Surrogate: SURRE: p-Bromofluorobenzene

10.2

"

10.0

102

70-130

##### LCS (BD20598-BS1)

Prepared & Analyzed: 04/11/2022

|                                                   |      |  |      |      |      |        |    |
|---------------------------------------------------|------|--|------|------|------|--------|----|
| 1,1,1,2-Tetrachloroethane                         | 9.24 |  | ug/L | 10.0 | 92.4 | 82-126 | 30 |
| 1,1,1-Trichloroethane                             | 10.4 |  | "    | 10.0 | 104  | 70-130 | 20 |
| 1,1,2,2-Tetrachloroethane                         | 9.50 |  | "    | 10.0 | 95.0 | 70-130 | 20 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.4 |  | "    | 10.0 | 114  | 70-130 | 20 |
| 1,1,2-Trichloroethane                             | 9.12 |  | "    | 10.0 | 91.2 | 70-130 | 20 |
| 1,1-Dichloroethane                                | 10.3 |  | "    | 10.0 | 103  | 70-130 | 20 |
| 1,1-Dichloroethylene                              | 10.9 |  | "    | 10.0 | 109  | 70-130 | 20 |
| 1,2,3-Trichlorobenzene                            | 8.27 |  | "    | 10.0 | 82.7 | 70-130 | 20 |
| 1,2,3-Trichloropropane                            | 9.27 |  | "    | 10.0 | 92.7 | 77-128 | 30 |
| 1,2,4-Trichlorobenzene                            | 8.41 |  | "    | 10.0 | 84.1 | 70-130 | 20 |
| 1,2,4-Trimethylbenzene                            | 9.21 |  | "    | 10.0 | 92.1 | 82-132 | 20 |
| 1,2-Dibromo-3-chloropropane                       | 8.96 |  | "    | 10.0 | 89.6 | 40-160 | 20 |
| 1,2-Dibromoethane                                 | 9.13 |  | "    | 10.0 | 91.3 | 70-130 | 20 |
| 1,2-Dichlorobenzene                               | 8.98 |  | "    | 10.0 | 89.8 | 70-130 | 20 |
| 1,2-Dichloroethane                                | 10.3 |  | "    | 10.0 | 103  | 70-130 | 20 |
| 1,2-Dichloropropane                               | 9.57 |  | "    | 10.0 | 95.7 | 70-130 | 20 |
| 1,3,5-Trimethylbenzene                            | 9.21 |  | "    | 10.0 | 92.1 | 80-131 | 30 |
| 1,3-Dichlorobenzene                               | 9.08 |  | "    | 10.0 | 90.8 | 70-130 | 20 |
| 1,4-Dichlorobenzene                               | 9.06 |  | "    | 10.0 | 90.6 | 70-130 | 20 |
| 1,4-Dioxane                                       | 159  |  | "    | 210  | 75.5 | 40-160 | 20 |
| 2-Butanone                                        | 9.87 |  | "    | 10.0 | 98.7 | 40-160 | 20 |
| 2-Hexanone                                        | 8.45 |  | "    | 10.0 | 84.5 | 40-160 | 20 |
| 4-Methyl-2-pentanone                              | 9.27 |  | "    | 10.0 | 92.7 | 40-160 | 20 |
| Acetone                                           | 6.39 |  | "    | 10.0 | 63.9 | 40-160 | 20 |
| Acrolein                                          | 11.6 |  | "    | 10.0 | 116  | 10-153 | 30 |
| Acrylonitrile                                     | 9.31 |  | "    | 10.0 | 93.1 | 51-150 | 30 |
| Benzene                                           | 10.3 |  | "    | 10.0 | 103  | 70-130 | 20 |





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

### York Analytical Laboratories, Inc.

| Analyte                                | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag     | RPD | RPD Limit | Flag |
|----------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|-----|-----------|------|
| <b>Batch BD20598 - EPA 5030B</b>       |        |                 |       |             |                |                                 |             |          |     |           |      |
| <b>LCS (BD20598-BS1)</b>               |        |                 |       |             |                | Prepared & Analyzed: 04/11/2022 |             |          |     |           |      |
| Bromochloromethane                     | 9.85   |                 | ug/L  | 10.0        |                | 98.5                            | 70-130      |          |     | 20        |      |
| Bromodichloromethane                   | 9.35   |                 | "     | 10.0        |                | 93.5                            | 70-130      |          |     | 20        |      |
| Bromoform                              | 8.98   |                 | "     | 10.0        |                | 89.8                            | 70-130      |          |     | 20        |      |
| Bromomethane                           | 3.55   |                 | "     | 10.0        |                | 35.5                            | 40-160      | Low Bias |     | 20        |      |
| Carbon disulfide                       | 11.2   |                 | "     | 10.0        |                | 112                             | 40-160      |          |     | 20        |      |
| Carbon tetrachloride                   | 10.5   |                 | "     | 10.0        |                | 105                             | 70-130      |          |     | 20        |      |
| Chlorobenzene                          | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |          |     | 20        |      |
| Chloroethane                           | 10.5   |                 | "     | 10.0        |                | 105                             | 40-160      |          |     | 20        |      |
| Chloroform                             | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |          |     | 20        |      |
| Chloromethane                          | 8.76   |                 | "     | 10.0        |                | 87.6                            | 40-160      |          |     | 20        |      |
| cis-1,2-Dichloroethylene               | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |          |     | 20        |      |
| cis-1,3-Dichloropropylene              | 9.49   |                 | "     | 10.0        |                | 94.9                            | 70-130      |          |     | 20        |      |
| Cyclohexane                            | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |          |     | 20        |      |
| Dibromochloromethane                   | 8.96   |                 | "     | 10.0        |                | 89.6                            | 70-130      |          |     | 20        |      |
| Dibromomethane                         | 9.36   |                 | "     | 10.0        |                | 93.6                            | 72-134      |          |     | 30        |      |
| Dichlorodifluoromethane                | 10.1   |                 | "     | 10.0        |                | 101                             | 40-160      |          |     | 20        |      |
| Ethyl Benzene                          | 9.87   |                 | "     | 10.0        |                | 98.7                            | 70-130      |          |     | 20        |      |
| Hexachlorobutadiene                    | 8.32   |                 | "     | 10.0        |                | 83.2                            | 67-146      |          |     | 30        |      |
| Isopropylbenzene                       | 9.64   |                 | "     | 10.0        |                | 96.4                            | 70-130      |          |     | 20        |      |
| Methyl acetate                         | 9.27   |                 | "     | 10.0        |                | 92.7                            | 70-130      |          |     | 20        |      |
| Methyl tert-butyl ether (MTBE)         | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |          |     | 20        |      |
| Methylcyclohexane                      | 9.44   |                 | "     | 10.0        |                | 94.4                            | 70-130      |          |     | 20        |      |
| Methylene chloride                     | 8.91   |                 | "     | 10.0        |                | 89.1                            | 70-130      |          |     | 20        |      |
| n-Butylbenzene                         | 8.54   |                 | "     | 10.0        |                | 85.4                            | 79-132      |          |     | 30        |      |
| n-Propylbenzene                        | 9.53   |                 | "     | 10.0        |                | 95.3                            | 78-133      |          |     | 30        |      |
| o-Xylene                               | 9.76   |                 | "     | 10.0        |                | 97.6                            | 70-130      |          |     | 20        |      |
| p- & m- Xylenes                        | 20.2   |                 | "     | 20.0        |                | 101                             | 70-130      |          |     | 20        |      |
| p-Isopropyltoluene                     | 9.30   |                 | "     | 10.0        |                | 93.0                            | 81-136      |          |     | 30        |      |
| sec-Butylbenzene                       | 9.28   |                 | "     | 10.0        |                | 92.8                            | 79-137      |          |     | 30        |      |
| Styrene                                | 9.14   |                 | "     | 10.0        |                | 91.4                            | 70-130      |          |     | 20        |      |
| tert-Butyl alcohol (TBA)               | 50.3   |                 | "     | 50.0        |                | 101                             | 25-162      |          |     | 30        |      |
| tert-Butylbenzene                      | 9.27   |                 | "     | 10.0        |                | 92.7                            | 77-138      |          |     | 30        |      |
| Tetrachloroethylene                    | 5.78   |                 | "     | 10.0        |                | 57.8                            | 70-130      | Low Bias |     | 20        |      |
| Toluene                                | 9.64   |                 | "     | 10.0        |                | 96.4                            | 70-130      |          |     | 20        |      |
| trans-1,2-Dichloroethylene             | 10.6   |                 | "     | 10.0        |                | 106                             | 70-130      |          |     | 20        |      |
| trans-1,3-Dichloropropylene            | 9.17   |                 | "     | 10.0        |                | 91.7                            | 70-130      |          |     | 20        |      |
| Trichloroethylene                      | 9.33   |                 | "     | 10.0        |                | 93.3                            | 70-130      |          |     | 20        |      |
| Trichlorofluoromethane                 | 9.81   |                 | "     | 10.0        |                | 98.1                            | 40-160      |          |     | 20        |      |
| Vinyl Chloride                         | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |          |     | 20        |      |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |          |     |           |      |
| Surrogate: SURR: Toluene-d8            | 9.76   |                 | "     | 10.0        |                | 97.6                            | 70-130      |          |     |           |      |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |          |     |           |      |



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

**York Analytical Laboratories, Inc.**

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag | RPD   | RPD Limit | Flag |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|------|-------|-----------|------|
| <b>Batch BD20598 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |      |       |           |      |
| <b>LCS Dup (BD20598-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 04/11/2022 |             |      |       |           |      |
| 1,1,1,2-Tetrachloroethane                         | 9.05   |                 | ug/L  | 10.0        |                | 90.5                            | 82-126      |      | 2.08  | 30        |      |
| 1,1,1-Trichloroethane                             | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |      | 3.43  | 20        |      |
| 1,1,2,2-Tetrachloroethane                         | 9.60   |                 | "     | 10.0        |                | 96.0                            | 70-130      |      | 1.05  | 20        |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.0   |                 | "     | 10.0        |                | 110                             | 70-130      |      | 3.56  | 20        |      |
| 1,1,2-Trichloroethane                             | 9.05   |                 | "     | 10.0        |                | 90.5                            | 70-130      |      | 0.770 | 20        |      |
| 1,1-Dichloroethane                                | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |      | 2.37  | 20        |      |
| 1,1-Dichloroethylene                              | 10.4   |                 | "     | 10.0        |                | 104                             | 70-130      |      | 4.33  | 20        |      |
| 1,2,3-Trichlorobenzene                            | 8.67   |                 | "     | 10.0        |                | 86.7                            | 70-130      |      | 4.72  | 20        |      |
| 1,2,3-Trichloropropane                            | 9.26   |                 | "     | 10.0        |                | 92.6                            | 77-128      |      | 0.108 | 30        |      |
| 1,2,4-Trichlorobenzene                            | 8.39   |                 | "     | 10.0        |                | 83.9                            | 70-130      |      | 0.238 | 20        |      |
| 1,2,4-Trimethylbenzene                            | 9.12   |                 | "     | 10.0        |                | 91.2                            | 82-132      |      | 0.982 | 20        |      |
| 1,2-Dibromo-3-chloropropane                       | 9.02   |                 | "     | 10.0        |                | 90.2                            | 40-160      |      | 0.667 | 20        |      |
| 1,2-Dibromoethane                                 | 9.21   |                 | "     | 10.0        |                | 92.1                            | 70-130      |      | 0.872 | 20        |      |
| 1,2-Dichlorobenzene                               | 8.99   |                 | "     | 10.0        |                | 89.9                            | 70-130      |      | 0.111 | 20        |      |
| 1,2-Dichloroethane                                | 10.4   |                 | "     | 10.0        |                | 104                             | 70-130      |      | 0.484 | 20        |      |
| 1,2-Dichloropropane                               | 9.49   |                 | "     | 10.0        |                | 94.9                            | 70-130      |      | 0.839 | 20        |      |
| 1,3,5-Trimethylbenzene                            | 9.02   |                 | "     | 10.0        |                | 90.2                            | 80-131      |      | 2.08  | 30        |      |
| 1,3-Dichlorobenzene                               | 8.92   |                 | "     | 10.0        |                | 89.2                            | 70-130      |      | 1.78  | 20        |      |
| 1,4-Dichlorobenzene                               | 9.02   |                 | "     | 10.0        |                | 90.2                            | 70-130      |      | 0.442 | 20        |      |
| 1,4-Dioxane                                       | 164    |                 | "     | 210         |                | 78.3                            | 40-160      |      | 3.60  | 20        |      |
| 2-Butanone                                        | 10.3   |                 | "     | 10.0        |                | 103                             | 40-160      |      | 3.87  | 20        |      |
| 2-Hexanone                                        | 8.58   |                 | "     | 10.0        |                | 85.8                            | 40-160      |      | 1.53  | 20        |      |
| 4-Methyl-2-pentanone                              | 9.35   |                 | "     | 10.0        |                | 93.5                            | 40-160      |      | 0.859 | 20        |      |
| Acetone                                           | 6.38   |                 | "     | 10.0        |                | 63.8                            | 40-160      |      | 0.157 | 20        |      |
| Acrolein                                          | 12.1   |                 | "     | 10.0        |                | 121                             | 10-153      |      | 4.38  | 30        |      |
| Acrylonitrile                                     | 9.46   |                 | "     | 10.0        |                | 94.6                            | 51-150      |      | 1.60  | 30        |      |
| Benzene                                           | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |      | 2.65  | 20        |      |
| Bromochloromethane                                | 9.92   |                 | "     | 10.0        |                | 99.2                            | 70-130      |      | 0.708 | 20        |      |
| Bromodichloromethane                              | 9.21   |                 | "     | 10.0        |                | 92.1                            | 70-130      |      | 1.51  | 20        |      |
| Bromoform                                         | 8.99   |                 | "     | 10.0        |                | 89.9                            | 70-130      |      | 0.111 | 20        |      |
| Bromomethane                                      | 4.00   |                 | "     | 10.0        |                | 40.0                            | 40-160      |      | 11.9  | 20        |      |
| Carbon disulfide                                  | 10.7   |                 | "     | 10.0        |                | 107                             | 40-160      |      | 4.03  | 20        |      |
| Carbon tetrachloride                              | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |      | 3.29  | 20        |      |
| Chlorobenzene                                     | 9.90   |                 | "     | 10.0        |                | 99.0                            | 70-130      |      | 1.90  | 20        |      |
| Chloroethane                                      | 9.98   |                 | "     | 10.0        |                | 99.8                            | 40-160      |      | 5.27  | 20        |      |
| Chloroform                                        | 9.96   |                 | "     | 10.0        |                | 99.6                            | 70-130      |      | 1.69  | 20        |      |
| Chloromethane                                     | 8.52   |                 | "     | 10.0        |                | 85.2                            | 40-160      |      | 2.78  | 20        |      |
| cis-1,2-Dichloroethylene                          | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |      | 2.75  | 20        |      |
| cis-1,3-Dichloropropylene                         | 9.29   |                 | "     | 10.0        |                | 92.9                            | 70-130      |      | 2.13  | 20        |      |
| Cyclohexane                                       | 9.86   |                 | "     | 10.0        |                | 98.6                            | 70-130      |      | 4.07  | 20        |      |
| Dibromochloromethane                              | 9.00   |                 | "     | 10.0        |                | 90.0                            | 70-130      |      | 0.445 | 20        |      |
| Dibromomethane                                    | 9.33   |                 | "     | 10.0        |                | 93.3                            | 72-134      |      | 0.321 | 30        |      |
| Dichlorodifluoromethane                           | 9.68   |                 | "     | 10.0        |                | 96.8                            | 40-160      |      | 4.25  | 20        |      |
| Ethyl Benzene                                     | 9.58   |                 | "     | 10.0        |                | 95.8                            | 70-130      |      | 2.98  | 20        |      |
| Hexachlorobutadiene                               | 8.30   |                 | "     | 10.0        |                | 83.0                            | 67-146      |      | 0.241 | 30        |      |
| Isopropylbenzene                                  | 9.39   |                 | "     | 10.0        |                | 93.9                            | 70-130      |      | 2.63  | 20        |      |
| Methyl acetate                                    | 9.23   |                 | "     | 10.0        |                | 92.3                            | 70-130      |      | 0.432 | 20        |      |
| Methyl tert-butyl ether (MTBE)                    | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |      | 0.292 | 20        |      |
| Methylcyclohexane                                 | 9.05   |                 | "     | 10.0        |                | 90.5                            | 70-130      |      | 4.22  | 20        |      |
| Methylene chloride                                | 8.72   |                 | "     | 10.0        |                | 87.2                            | 70-130      |      | 2.16  | 20        |      |



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

### York Analytical Laboratories, Inc.

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

#### Batch BD20598 - EPA 5030B

##### LCS Dup (BD20598-BSD1)

Prepared & Analyzed: 04/11/2022

|                                        |      |  |      |      |  |      |        |          |       |    |
|----------------------------------------|------|--|------|------|--|------|--------|----------|-------|----|
| n-Butylbenzene                         | 8.56 |  | ug/L | 10.0 |  | 85.6 | 79-132 |          | 0.234 | 30 |
| n-Propylbenzene                        | 9.28 |  | "    | 10.0 |  | 92.8 | 78-133 |          | 2.66  | 30 |
| o-Xylene                               | 9.61 |  | "    | 10.0 |  | 96.1 | 70-130 |          | 1.55  | 20 |
| p- & m- Xylenes                        | 19.8 |  | "    | 20.0 |  | 98.9 | 70-130 |          | 2.05  | 20 |
| p-Isopropyltoluene                     | 9.14 |  | "    | 10.0 |  | 91.4 | 81-136 |          | 1.74  | 30 |
| sec-Butylbenzene                       | 9.14 |  | "    | 10.0 |  | 91.4 | 79-137 |          | 1.52  | 30 |
| Styrene                                | 8.95 |  | "    | 10.0 |  | 89.5 | 70-130 |          | 2.10  | 20 |
| tert-Butyl alcohol (TBA)               | 51.0 |  | "    | 50.0 |  | 102  | 25-162 |          | 1.48  | 30 |
| tert-Butylbenzene                      | 9.12 |  | "    | 10.0 |  | 91.2 | 77-138 |          | 1.63  | 30 |
| Tetrachloroethylene                    | 5.59 |  | "    | 10.0 |  | 55.9 | 70-130 | Low Bias | 3.34  | 20 |
| Toluene                                | 9.44 |  | "    | 10.0 |  | 94.4 | 70-130 |          | 2.10  | 20 |
| trans-1,2-Dichloroethylene             | 10.3 |  | "    | 10.0 |  | 103  | 70-130 |          | 3.07  | 20 |
| trans-1,3-Dichloropropylene            | 9.16 |  | "    | 10.0 |  | 91.6 | 70-130 |          | 0.109 | 20 |
| Trichloroethylene                      | 8.98 |  | "    | 10.0 |  | 89.8 | 70-130 |          | 3.82  | 20 |
| Trichlorofluoromethane                 | 9.40 |  | "    | 10.0 |  | 94.0 | 40-160 |          | 4.27  | 20 |
| Vinyl Chloride                         | 9.80 |  | "    | 10.0 |  | 98.0 | 70-130 |          | 3.51  | 20 |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.3 |  | "    | 10.0 |  | 103  | 70-130 |          |       |    |
| Surrogate: SURR: Toluene-d8            | 9.72 |  | "    | 10.0 |  | 97.2 | 70-130 |          |       |    |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.1 |  | "    | 10.0 |  | 101  | 70-130 |          |       |    |

#### Batch BD20686 - EPA 5030B

##### Blank (BD20686-BLK1)

Prepared & Analyzed: 04/12/2022

|                                                   |    |       |      |  |  |  |  |  |  |  |
|---------------------------------------------------|----|-------|------|--|--|--|--|--|--|--|
| 1,1,1,2-Tetrachloroethane                         | ND | 0.500 | ug/L |  |  |  |  |  |  |  |
| 1,1,1-Trichloroethane                             | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1,2,2-Tetrachloroethane                         | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1,2-Trichloroethane                             | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1-Dichloroethane                                | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1-Dichloroethylene                              | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2,3-Trichlorobenzene                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2,3-Trichloropropane                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2,4-Trichlorobenzene                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2,4-Trimethylbenzene                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dibromo-3-chloropropane                       | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dibromoethane                                 | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dichlorobenzene                               | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dichloroethane                                | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dichloropropane                               | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,3,5-Trimethylbenzene                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,3-Dichlorobenzene                               | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,4-Dichlorobenzene                               | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,4-Dioxane                                       | ND | 80.0  | "    |  |  |  |  |  |  |  |
| 2-Butanone                                        | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 2-Hexanone                                        | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 4-Methyl-2-pentanone                              | ND | 0.500 | "    |  |  |  |  |  |  |  |
| Acetone                                           | ND | 2.00  | "    |  |  |  |  |  |  |  |
| Acrolein                                          | ND | 0.500 | "    |  |  |  |  |  |  |  |
| Acrylonitrile                                     | ND | 0.500 | "    |  |  |  |  |  |  |  |
| Benzene                                           | ND | 0.500 | "    |  |  |  |  |  |  |  |
| Bromochloromethane                                | ND | 0.500 | "    |  |  |  |  |  |  |  |



## 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 BD20686 - EPA 5030B

#### Blank (BD20686-BLK1)

Prepared & Analyzed: 04/12/2022

|                                        |      |       |      |      |  |      |        |  |  |  |  |
|----------------------------------------|------|-------|------|------|--|------|--------|--|--|--|--|
| Bromodichloromethane                   | ND   | 0.500 | ug/L |      |  |      |        |  |  |  |  |
| Bromoform                              | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Bromomethane                           | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Carbon disulfide                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Carbon tetrachloride                   | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chlorobenzene                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chloroethane                           | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chloroform                             | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chloromethane                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| cis-1,2-Dichloroethylene               | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| cis-1,3-Dichloropropylene              | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Cyclohexane                            | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Dibromochloromethane                   | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Dibromomethane                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Dichlorodifluoromethane                | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Ethyl Benzene                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Hexachlorobutadiene                    | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Isopropylbenzene                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methyl acetate                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methyl tert-butyl ether (MTBE)         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methylcyclohexane                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methylene chloride                     | ND   | 2.00  | "    |      |  |      |        |  |  |  |  |
| n-Butylbenzene                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| n-Propylbenzene                        | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| o-Xylene                               | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| p- & m- Xylenes                        | ND   | 1.00  | "    |      |  |      |        |  |  |  |  |
| p-Isopropyltoluene                     | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| sec-Butylbenzene                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Styrene                                | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| tert-Butyl alcohol (TBA)               | ND   | 1.00  | "    |      |  |      |        |  |  |  |  |
| tert-Butylbenzene                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Tetrachloroethylene                    | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Toluene                                | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,2-Dichloroethylene             | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,3-Dichloropropylene            | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Trichloroethylene                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Trichlorofluoromethane                 | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Vinyl Chloride                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Xylenes, Total                         | ND   | 1.50  | "    |      |  |      |        |  |  |  |  |
| <hr/>                                  |      |       |      |      |  |      |        |  |  |  |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.3 |       | "    | 10.0 |  | 103  | 70-130 |  |  |  |  |
| Surrogate: SURR: Toluene-d8            | 9.61 |       | "    | 10.0 |  | 96.1 | 70-130 |  |  |  |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 9.72 |       | "    | 10.0 |  | 97.2 | 70-130 |  |  |  |  |



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

**York Analytical Laboratories, Inc.**

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag     | RPD | RPD Limit | Flag |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|-----|-----------|------|
| <b>Batch BD20686 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |          |     |           |      |
| <b>LCS (BD20686-BS1)</b>                          |        |                 |       |             |                | Prepared & Analyzed: 04/12/2022 |             |          |     |           |      |
| 1,1,1,2-Tetrachloroethane                         | 8.85   |                 | ug/L  | 10.0        |                | 88.5                            | 82-126      |          |     | 30        |      |
| 1,1,1-Trichloroethane                             | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |          |     | 20        |      |
| 1,1,2,2-Tetrachloroethane                         | 9.16   |                 | "     | 10.0        |                | 91.6                            | 70-130      |          |     | 20        |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.6   |                 | "     | 10.0        |                | 116                             | 70-130      |          |     | 20        |      |
| 1,1,2-Trichloroethane                             | 8.34   |                 | "     | 10.0        |                | 83.4                            | 70-130      |          |     | 20        |      |
| 1,1-Dichloroethane                                | 9.46   |                 | "     | 10.0        |                | 94.6                            | 70-130      |          |     | 20        |      |
| 1,1-Dichloroethylene                              | 10.5   |                 | "     | 10.0        |                | 105                             | 70-130      |          |     | 20        |      |
| 1,2,3-Trichlorobenzene                            | 9.43   |                 | "     | 10.0        |                | 94.3                            | 70-130      |          |     | 20        |      |
| 1,2,3-Trichloropropane                            | 8.04   |                 | "     | 10.0        |                | 80.4                            | 77-128      |          |     | 30        |      |
| 1,2,4-Trichlorobenzene                            | 9.65   |                 | "     | 10.0        |                | 96.5                            | 70-130      |          |     | 20        |      |
| 1,2,4-Trimethylbenzene                            | 9.52   |                 | "     | 10.0        |                | 95.2                            | 82-132      |          |     | 20        |      |
| 1,2-Dibromo-3-chloropropane                       | 8.24   |                 | "     | 10.0        |                | 82.4                            | 40-160      |          |     | 20        |      |
| 1,2-Dibromoethane                                 | 8.45   |                 | "     | 10.0        |                | 84.5                            | 70-130      |          |     | 20        |      |
| 1,2-Dichlorobenzene                               | 9.07   |                 | "     | 10.0        |                | 90.7                            | 70-130      |          |     | 20        |      |
| 1,2-Dichloroethane                                | 9.05   |                 | "     | 10.0        |                | 90.5                            | 70-130      |          |     | 20        |      |
| 1,2-Dichloropropane                               | 8.85   |                 | "     | 10.0        |                | 88.5                            | 70-130      |          |     | 20        |      |
| 1,3,5-Trimethylbenzene                            | 9.48   |                 | "     | 10.0        |                | 94.8                            | 80-131      |          |     | 30        |      |
| 1,3-Dichlorobenzene                               | 9.26   |                 | "     | 10.0        |                | 92.6                            | 70-130      |          |     | 20        |      |
| 1,4-Dichlorobenzene                               | 9.34   |                 | "     | 10.0        |                | 93.4                            | 70-130      |          |     | 20        |      |
| 1,4-Dioxane                                       | 90.9   |                 | "     | 210         |                | 43.3                            | 40-160      |          |     | 20        |      |
| 2-Butanone                                        | 3.61   |                 | "     | 10.0        |                | 36.1                            | 40-160      | Low Bias |     | 20        |      |
| 2-Hexanone                                        | 6.08   |                 | "     | 10.0        |                | 60.8                            | 40-160      |          |     | 20        |      |
| 4-Methyl-2-pentanone                              | 7.20   |                 | "     | 10.0        |                | 72.0                            | 40-160      |          |     | 20        |      |
| Acetone                                           | 4.06   |                 | "     | 10.0        |                | 40.6                            | 40-160      |          |     | 20        |      |
| Acrolein                                          | 6.62   |                 | "     | 10.0        |                | 66.2                            | 10-153      |          |     | 30        |      |
| Acrylonitrile                                     | 7.97   |                 | "     | 10.0        |                | 79.7                            | 51-150      |          |     | 30        |      |
| Benzene                                           | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |          |     | 20        |      |
| Bromochloromethane                                | 8.87   |                 | "     | 10.0        |                | 88.7                            | 70-130      |          |     | 20        |      |
| Bromodichloromethane                              | 8.73   |                 | "     | 10.0        |                | 87.3                            | 70-130      |          |     | 20        |      |
| Bromoform                                         | 8.95   |                 | "     | 10.0        |                | 89.5                            | 70-130      |          |     | 20        |      |
| Bromomethane                                      | 2.64   |                 | "     | 10.0        |                | 26.4                            | 40-160      | Low Bias |     | 20        |      |
| Carbon disulfide                                  | 11.5   |                 | "     | 10.0        |                | 115                             | 40-160      |          |     | 20        |      |
| Carbon tetrachloride                              | 10.7   |                 | "     | 10.0        |                | 107                             | 70-130      |          |     | 20        |      |
| Chlorobenzene                                     | 9.61   |                 | "     | 10.0        |                | 96.1                            | 70-130      |          |     | 20        |      |
| Chloroethane                                      | 10.0   |                 | "     | 10.0        |                | 100                             | 40-160      |          |     | 20        |      |
| Chloroform                                        | 9.53   |                 | "     | 10.0        |                | 95.3                            | 70-130      |          |     | 20        |      |
| Chloromethane                                     | 7.82   |                 | "     | 10.0        |                | 78.2                            | 40-160      |          |     | 20        |      |
| cis-1,2-Dichloroethylene                          | 9.45   |                 | "     | 10.0        |                | 94.5                            | 70-130      |          |     | 20        |      |
| cis-1,3-Dichloropropylene                         | 8.61   |                 | "     | 10.0        |                | 86.1                            | 70-130      |          |     | 20        |      |
| Cyclohexane                                       | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |          |     | 20        |      |
| Dibromochloromethane                              | 8.60   |                 | "     | 10.0        |                | 86.0                            | 70-130      |          |     | 20        |      |
| Dibromomethane                                    | 8.24   |                 | "     | 10.0        |                | 82.4                            | 72-134      |          |     | 30        |      |
| Dichlorodifluoromethane                           | 3.53   |                 | "     | 10.0        |                | 35.3                            | 40-160      | Low Bias |     | 20        |      |
| Ethyl Benzene                                     | 9.54   |                 | "     | 10.0        |                | 95.4                            | 70-130      |          |     | 20        |      |
| Hexachlorobutadiene                               | 10.4   |                 | "     | 10.0        |                | 104                             | 67-146      |          |     | 30        |      |
| Isopropylbenzene                                  | 9.93   |                 | "     | 10.0        |                | 99.3                            | 70-130      |          |     | 20        |      |
| Methyl acetate                                    | 8.21   |                 | "     | 10.0        |                | 82.1                            | 70-130      |          |     | 20        |      |
| Methyl tert-butyl ether (MTBE)                    | 8.86   |                 | "     | 10.0        |                | 88.6                            | 70-130      |          |     | 20        |      |
| Methylcyclohexane                                 | 9.74   |                 | "     | 10.0        |                | 97.4                            | 70-130      |          |     | 20        |      |
| Methylene chloride                                | 8.46   |                 | "     | 10.0        |                | 84.6                            | 70-130      |          |     | 20        |      |



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

### York Analytical Laboratories, Inc.

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag     | RPD   | RPD Limit | Flag     |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|-------|-----------|----------|
| <b>Batch BD20686 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |          |       |           |          |
| <b>LCS (BD20686-BS1)</b>                          |        |                 |       |             |                | Prepared & Analyzed: 04/12/2022 |             |          |       |           |          |
| n-Butylbenzene                                    | 9.66   |                 | ug/L  | 10.0        |                | 96.6                            | 79-132      |          |       | 30        |          |
| n-Propylbenzene                                   | 9.78   |                 | "     | 10.0        |                | 97.8                            | 78-133      |          |       | 30        |          |
| o-Xylene                                          | 9.46   |                 | "     | 10.0        |                | 94.6                            | 70-130      |          |       | 20        |          |
| p- & m- Xylenes                                   | 19.9   |                 | "     | 20.0        |                | 99.6                            | 70-130      |          |       | 20        |          |
| p-Isopropyltoluene                                | 9.94   |                 | "     | 10.0        |                | 99.4                            | 81-136      |          |       | 30        |          |
| sec-Butylbenzene                                  | 9.87   |                 | "     | 10.0        |                | 98.7                            | 79-137      |          |       | 30        |          |
| Styrene                                           | 8.93   |                 | "     | 10.0        |                | 89.3                            | 70-130      |          |       | 20        |          |
| tert-Butyl alcohol (TBA)                          | 37.6   |                 | "     | 50.0        |                | 75.2                            | 25-162      |          |       | 30        |          |
| tert-Butylbenzene                                 | 9.85   |                 | "     | 10.0        |                | 98.5                            | 77-138      |          |       | 30        |          |
| Tetrachloroethylene                               | 5.38   |                 | "     | 10.0        |                | 53.8                            | 70-130      | Low Bias |       | 20        |          |
| Toluene                                           | 9.49   |                 | "     | 10.0        |                | 94.9                            | 70-130      |          |       | 20        |          |
| trans-1,2-Dichloroethylene                        | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |          |       | 20        |          |
| trans-1,3-Dichloropropylene                       | 8.24   |                 | "     | 10.0        |                | 82.4                            | 70-130      |          |       | 20        |          |
| Trichloroethylene                                 | 8.90   |                 | "     | 10.0        |                | 89.0                            | 70-130      |          |       | 20        |          |
| Trichlorofluoromethane                            | 9.93   |                 | "     | 10.0        |                | 99.3                            | 40-160      |          |       | 20        |          |
| Vinyl Chloride                                    | 8.89   |                 | "     | 10.0        |                | 88.9                            | 70-130      |          |       | 20        |          |
| Surrogate: SURR: 1,2-Dichloroethane-d4            | 9.39   |                 | "     | 10.0        |                | 93.9                            | 70-130      |          |       |           |          |
| Surrogate: SURR: Toluene-d8                       | 9.83   |                 | "     | 10.0        |                | 98.3                            | 70-130      |          |       |           |          |
| Surrogate: SURR: p-Bromofluorobenzene             | 9.99   |                 | "     | 10.0        |                | 99.9                            | 70-130      |          |       |           |          |
| <b>LCS Dup (BD20686-BS1)</b>                      |        |                 |       |             |                | Prepared & Analyzed: 04/12/2022 |             |          |       |           |          |
| 1,1,1,2-Tetrachloroethane                         | 9.51   |                 | ug/L  | 10.0        |                | 95.1                            | 82-126      |          | 7.19  | 30        |          |
| 1,1,1-Trichloroethane                             | 11.0   |                 | "     | 10.0        |                | 110                             | 70-130      |          | 6.99  | 20        |          |
| 1,1,2,2-Tetrachloroethane                         | 9.97   |                 | "     | 10.0        |                | 99.7                            | 70-130      |          | 8.47  | 20        |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 12.4   |                 | "     | 10.0        |                | 124                             | 70-130      |          | 6.33  | 20        |          |
| 1,1,2-Trichloroethane                             | 9.42   |                 | "     | 10.0        |                | 94.2                            | 70-130      |          | 12.2  | 20        |          |
| 1,1-Dichloroethane                                | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |          | 7.14  | 20        |          |
| 1,1-Dichloroethylene                              | 11.1   |                 | "     | 10.0        |                | 111                             | 70-130      |          | 5.75  | 20        |          |
| 1,2,3-Trichlorobenzene                            | 9.96   |                 | "     | 10.0        |                | 99.6                            | 70-130      |          | 5.47  | 20        |          |
| 1,2,3-Trichloropropane                            | 9.18   |                 | "     | 10.0        |                | 91.8                            | 77-128      |          | 13.2  | 30        |          |
| 1,2,4-Trichlorobenzene                            | 9.94   |                 | "     | 10.0        |                | 99.4                            | 70-130      |          | 2.96  | 20        |          |
| 1,2,4-Trimethylbenzene                            | 9.46   |                 | "     | 10.0        |                | 94.6                            | 82-132      |          | 0.632 | 20        |          |
| 1,2-Dibromo-3-chloropropane                       | 8.84   |                 | "     | 10.0        |                | 88.4                            | 40-160      |          | 7.03  | 20        |          |
| 1,2-Dibromoethane                                 | 9.62   |                 | "     | 10.0        |                | 96.2                            | 70-130      |          | 12.9  | 20        |          |
| 1,2-Dichlorobenzene                               | 9.46   |                 | "     | 10.0        |                | 94.6                            | 70-130      |          | 4.21  | 20        |          |
| 1,2-Dichloroethane                                | 10.4   |                 | "     | 10.0        |                | 104                             | 70-130      |          | 14.0  | 20        |          |
| 1,2-Dichloropropane                               | 9.31   |                 | "     | 10.0        |                | 93.1                            | 70-130      |          | 5.07  | 20        |          |
| 1,3,5-Trimethylbenzene                            | 9.38   |                 | "     | 10.0        |                | 93.8                            | 80-131      |          | 1.06  | 30        |          |
| 1,3-Dichlorobenzene                               | 9.36   |                 | "     | 10.0        |                | 93.6                            | 70-130      |          | 1.07  | 20        |          |
| 1,4-Dichlorobenzene                               | 9.49   |                 | "     | 10.0        |                | 94.9                            | 70-130      |          | 1.59  | 20        |          |
| 1,4-Dioxane                                       | 146    |                 | "     | 210         |                | 69.4                            | 40-160      |          | 46.4  | 20        | Non-dir. |
| 2-Butanone                                        | 9.30   |                 | "     | 10.0        |                | 93.0                            | 40-160      |          | 88.1  | 20        | Non-dir. |
| 2-Hexanone                                        | 7.61   |                 | "     | 10.0        |                | 76.1                            | 40-160      |          | 22.4  | 20        | Non-dir. |
| 4-Methyl-2-pentanone                              | 8.77   |                 | "     | 10.0        |                | 87.7                            | 40-160      |          | 19.7  | 20        |          |
| Acetone                                           | 5.23   |                 | "     | 10.0        |                | 52.3                            | 40-160      |          | 25.2  | 20        | Non-dir. |
| Acrolein                                          | 7.44   |                 | "     | 10.0        |                | 74.4                            | 10-153      |          | 11.7  | 30        |          |
| Acrylonitrile                                     | 9.56   |                 | "     | 10.0        |                | 95.6                            | 51-150      |          | 18.1  | 30        |          |
| Benzene                                           | 10.7   |                 | "     | 10.0        |                | 107                             | 70-130      |          | 6.36  | 20        |          |
| Bromochloromethane                                | 9.93   |                 | "     | 10.0        |                | 99.3                            | 70-130      |          | 11.3  | 20        |          |
| Bromodichloromethane                              | 9.50   |                 | "     | 10.0        |                | 95.0                            | 70-130      |          | 8.45  | 20        |          |



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

**York Analytical Laboratories, Inc.**

| Analyte                                | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag     | RPD   | RPD Limit | Flag     |
|----------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|-------|-----------|----------|
| <b>Batch BD20686 - EPA 5030B</b>       |        |                 |       |             |                |                                 |             |          |       |           |          |
| <b>LCS Dup (BD20686-BSD1)</b>          |        |                 |       |             |                | Prepared & Analyzed: 04/12/2022 |             |          |       |           |          |
| Bromoform                              | 10.4   |                 | ug/L  | 10.0        |                | 104                             | 70-130      |          | 15.0  | 20        |          |
| Bromomethane                           | 4.25   |                 | "     | 10.0        |                | 42.5                            | 40-160      |          | 46.7  | 20        | Non-dir. |
| Carbon disulfide                       | 12.0   |                 | "     | 10.0        |                | 120                             | 40-160      |          | 4.07  | 20        |          |
| Carbon tetrachloride                   | 11.4   |                 | "     | 10.0        |                | 114                             | 70-130      |          | 5.99  | 20        |          |
| Chlorobenzene                          | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |          | 4.87  | 20        |          |
| Chloroethane                           | 10.2   |                 | "     | 10.0        |                | 102                             | 40-160      |          | 2.07  | 20        |          |
| Chloroform                             | 10.4   |                 | "     | 10.0        |                | 104                             | 70-130      |          | 8.54  | 20        |          |
| Chloromethane                          | 8.40   |                 | "     | 10.0        |                | 84.0                            | 40-160      |          | 7.15  | 20        |          |
| cis-1,2-Dichloroethylene               | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |          | 6.95  | 20        |          |
| cis-1,3-Dichloropropylene              | 9.31   |                 | "     | 10.0        |                | 93.1                            | 70-130      |          | 7.81  | 20        |          |
| Cyclohexane                            | 10.6   |                 | "     | 10.0        |                | 106                             | 70-130      |          | 5.61  | 20        |          |
| Dibromochloromethane                   | 9.63   |                 | "     | 10.0        |                | 96.3                            | 70-130      |          | 11.3  | 20        |          |
| Dibromomethane                         | 9.39   |                 | "     | 10.0        |                | 93.9                            | 72-134      |          | 13.0  | 30        |          |
| Dichlorodifluoromethane                | 4.14   |                 | "     | 10.0        |                | 41.4                            | 40-160      |          | 15.9  | 20        |          |
| Ethyl Benzene                          | 9.84   |                 | "     | 10.0        |                | 98.4                            | 70-130      |          | 3.10  | 20        |          |
| Hexachlorobutadiene                    | 10.4   |                 | "     | 10.0        |                | 104                             | 67-146      |          | 0.192 | 30        |          |
| Isopropylbenzene                       | 9.74   |                 | "     | 10.0        |                | 97.4                            | 70-130      |          | 1.93  | 20        |          |
| Methyl acetate                         | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |          | 20.2  | 20        | Non-dir. |
| Methyl tert-butyl ether (MTBE)         | 10.9   |                 | "     | 10.0        |                | 109                             | 70-130      |          | 20.4  | 20        | Non-dir. |
| Methylcyclohexane                      | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |          | 2.93  | 20        |          |
| Methylene chloride                     | 9.15   |                 | "     | 10.0        |                | 91.5                            | 70-130      |          | 7.84  | 20        |          |
| n-Butylbenzene                         | 9.62   |                 | "     | 10.0        |                | 96.2                            | 79-132      |          | 0.415 | 30        |          |
| n-Propylbenzene                        | 9.54   |                 | "     | 10.0        |                | 95.4                            | 78-133      |          | 2.48  | 30        |          |
| o-Xylene                               | 9.98   |                 | "     | 10.0        |                | 99.8                            | 70-130      |          | 5.35  | 20        |          |
| p- & m- Xylenes                        | 20.5   |                 | "     | 20.0        |                | 103                             | 70-130      |          | 2.92  | 20        |          |
| p-Isopropyltoluene                     | 9.73   |                 | "     | 10.0        |                | 97.3                            | 81-136      |          | 2.14  | 30        |          |
| sec-Butylbenzene                       | 9.73   |                 | "     | 10.0        |                | 97.3                            | 79-137      |          | 1.43  | 30        |          |
| Styrene                                | 9.51   |                 | "     | 10.0        |                | 95.1                            | 70-130      |          | 6.29  | 20        |          |
| tert-Butyl alcohol (TBA)               | 44.0   |                 | "     | 50.0        |                | 88.0                            | 25-162      |          | 15.7  | 30        |          |
| tert-Butylbenzene                      | 9.69   |                 | "     | 10.0        |                | 96.9                            | 77-138      |          | 1.64  | 30        |          |
| Tetrachloroethylene                    | 5.53   |                 | "     | 10.0        |                | 55.3                            | 70-130      | Low Bias | 2.75  | 20        |          |
| Toluene                                | 9.70   |                 | "     | 10.0        |                | 97.0                            | 70-130      |          | 2.19  | 20        |          |
| trans-1,2-Dichloroethylene             | 10.6   |                 | "     | 10.0        |                | 106                             | 70-130      |          | 6.01  | 20        |          |
| trans-1,3-Dichloropropylene            | 9.22   |                 | "     | 10.0        |                | 92.2                            | 70-130      |          | 11.2  | 20        |          |
| Trichloroethylene                      | 9.09   |                 | "     | 10.0        |                | 90.9                            | 70-130      |          | 2.11  | 20        |          |
| Trichlorofluoromethane                 | 10.4   |                 | "     | 10.0        |                | 104                             | 40-160      |          | 5.10  | 20        |          |
| Vinyl Chloride                         | 9.45   |                 | "     | 10.0        |                | 94.5                            | 70-130      |          | 6.11  | 20        |          |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.4   |                 | "     | 10.0        |                | 104                             | 70-130      |          |       |           |          |
| Surrogate: SURR: Toluene-d8            | 9.68   |                 | "     | 10.0        |                | 96.8                            | 70-130      |          |       |           |          |
| Surrogate: SURR: p-Bromofluorobenzene  | 9.68   |                 | "     | 10.0        |                | 96.8                            | 70-130      |          |       |           |          |



## 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 BD20777 - EPA 5030B

##### Blank (BD20777-BLK1)

Prepared & Analyzed: 04/13/2022

|                                                   |    |       |      |
|---------------------------------------------------|----|-------|------|
| 1,1,1,2-Tetrachloroethane                         | ND | 0.500 | ug/L |
| 1,1,1-Trichloroethane                             | ND | 0.500 | "    |
| 1,1,2,2-Tetrachloroethane                         | ND | 0.500 | "    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.500 | "    |
| 1,1,2-Trichloroethane                             | ND | 0.500 | "    |
| 1,1-Dichloroethane                                | ND | 0.500 | "    |
| 1,1-Dichloroethylene                              | ND | 0.500 | "    |
| 1,2,3-Trichlorobenzene                            | ND | 0.500 | "    |
| 1,2,3-Trichloropropane                            | ND | 0.500 | "    |
| 1,2,4-Trichlorobenzene                            | ND | 0.500 | "    |
| 1,2,4-Trimethylbenzene                            | ND | 0.500 | "    |
| 1,2-Dibromo-3-chloropropane                       | ND | 0.500 | "    |
| 1,2-Dibromoethane                                 | ND | 0.500 | "    |
| 1,2-Dichlorobenzene                               | ND | 0.500 | "    |
| 1,2-Dichloroethane                                | ND | 0.500 | "    |
| 1,2-Dichloropropane                               | ND | 0.500 | "    |
| 1,3,5-Trimethylbenzene                            | ND | 0.500 | "    |
| 1,3-Dichlorobenzene                               | ND | 0.500 | "    |
| 1,4-Dichlorobenzene                               | ND | 0.500 | "    |
| 1,4-Dioxane                                       | ND | 80.0  | "    |
| 2-Butanone                                        | ND | 0.500 | "    |
| 2-Hexanone                                        | ND | 0.500 | "    |
| 4-Methyl-2-pentanone                              | ND | 0.500 | "    |
| Acetone                                           | ND | 2.00  | "    |
| Acrolein                                          | ND | 0.500 | "    |
| Acrylonitrile                                     | ND | 0.500 | "    |
| Benzene                                           | ND | 0.500 | "    |
| Bromochloromethane                                | ND | 0.500 | "    |
| Bromodichloromethane                              | ND | 0.500 | "    |
| Bromoform                                         | ND | 0.500 | "    |
| Bromomethane                                      | ND | 0.500 | "    |
| Carbon disulfide                                  | ND | 0.500 | "    |
| Carbon tetrachloride                              | ND | 0.500 | "    |
| Chlorobenzene                                     | ND | 0.500 | "    |
| Chloroethane                                      | ND | 0.500 | "    |
| Chloroform                                        | ND | 0.500 | "    |
| Chloromethane                                     | ND | 0.500 | "    |
| cis-1,2-Dichloroethylene                          | ND | 0.500 | "    |
| cis-1,3-Dichloropropylene                         | ND | 0.500 | "    |
| Cyclohexane                                       | ND | 0.500 | "    |
| Dibromochloromethane                              | ND | 0.500 | "    |
| Dibromomethane                                    | ND | 0.500 | "    |
| Dichlorodifluoromethane                           | ND | 0.500 | "    |
| Ethyl Benzene                                     | ND | 0.500 | "    |
| Hexachlorobutadiene                               | ND | 0.500 | "    |
| Isopropylbenzene                                  | ND | 0.500 | "    |
| Methyl acetate                                    | ND | 0.500 | "    |
| Methyl tert-butyl ether (MTBE)                    | ND | 0.500 | "    |
| Methylcyclohexane                                 | ND | 0.500 | "    |
| Methylene chloride                                | ND | 2.00  | "    |





## 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 BD20777 - EPA 5030B

##### Blank (BD20777-BLK1)

Prepared & Analyzed: 04/13/2022

|                             |    |       |      |
|-----------------------------|----|-------|------|
| n-Butylbenzene              | ND | 0.500 | ug/L |
| n-Propylbenzene             | ND | 0.500 | "    |
| o-Xylene                    | ND | 0.500 | "    |
| p- & m- Xylenes             | ND | 1.00  | "    |
| p-Isopropyltoluene          | ND | 0.500 | "    |
| sec-Butylbenzene            | ND | 0.500 | "    |
| Styrene                     | ND | 0.500 | "    |
| tert-Butyl alcohol (TBA)    | ND | 1.00  | "    |
| tert-Butylbenzene           | ND | 0.500 | "    |
| Tetrachloroethylene         | ND | 0.500 | "    |
| Toluene                     | ND | 0.500 | "    |
| trans-1,2-Dichloroethylene  | ND | 0.500 | "    |
| trans-1,3-Dichloropropylene | ND | 0.500 | "    |
| Trichloroethylene           | ND | 0.500 | "    |
| Trichlorofluoromethane      | ND | 0.500 | "    |
| Vinyl Chloride              | ND | 0.500 | "    |
| Xylenes, Total              | ND | 1.50  | "    |

|                                        |      |   |      |      |        |
|----------------------------------------|------|---|------|------|--------|
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.8 | " | 10.0 | 108  | 70-130 |
| Surrogate: SURR: Toluene-d8            | 9.47 | " | 10.0 | 94.7 | 70-130 |
| Surrogate: SURR: p-Bromofluorobenzene  | 9.76 | " | 10.0 | 97.6 | 70-130 |

##### LCS (BD20777-BS1)

Prepared & Analyzed: 04/13/2022

|                                                   |      |      |      |      |        |    |
|---------------------------------------------------|------|------|------|------|--------|----|
| 1,1,1,2-Tetrachloroethane                         | 9.15 | ug/L | 10.0 | 91.5 | 82-126 | 30 |
| 1,1,1-Trichloroethane                             | 10.8 | "    | 10.0 | 108  | 70-130 | 20 |
| 1,1,2,2-Tetrachloroethane                         | 8.89 | "    | 10.0 | 88.9 | 70-130 | 20 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 12.2 | "    | 10.0 | 122  | 70-130 | 20 |
| 1,1,2-Trichloroethane                             | 8.86 | "    | 10.0 | 88.6 | 70-130 | 20 |
| 1,1-Dichloroethane                                | 10.2 | "    | 10.0 | 102  | 70-130 | 20 |
| 1,1-Dichloroethylene                              | 10.9 | "    | 10.0 | 109  | 70-130 | 20 |
| 1,2,3-Trichlorobenzene                            | 8.35 | "    | 10.0 | 83.5 | 70-130 | 20 |
| 1,2,3-Trichloropropane                            | 8.96 | "    | 10.0 | 89.6 | 77-128 | 30 |
| 1,2,4-Trichlorobenzene                            | 8.09 | "    | 10.0 | 80.9 | 70-130 | 20 |
| 1,2,4-Trimethylbenzene                            | 8.61 | "    | 10.0 | 86.1 | 82-132 | 20 |
| 1,2-Dibromo-3-chloropropane                       | 8.48 | "    | 10.0 | 84.8 | 40-160 | 20 |
| 1,2-Dibromoethane                                 | 9.13 | "    | 10.0 | 91.3 | 70-130 | 20 |
| 1,2-Dichlorobenzene                               | 8.71 | "    | 10.0 | 87.1 | 70-130 | 20 |
| 1,2-Dichloroethane                                | 10.4 | "    | 10.0 | 104  | 70-130 | 20 |
| 1,2-Dichloropropane                               | 9.07 | "    | 10.0 | 90.7 | 70-130 | 20 |
| 1,3,5-Trimethylbenzene                            | 8.56 | "    | 10.0 | 85.6 | 80-131 | 30 |
| 1,3-Dichlorobenzene                               | 8.68 | "    | 10.0 | 86.8 | 70-130 | 20 |
| 1,4-Dichlorobenzene                               | 8.75 | "    | 10.0 | 87.5 | 70-130 | 20 |
| 1,4-Dioxane                                       | 155  | "    | 210  | 73.8 | 40-160 | 20 |
| 2-Butanone                                        | 9.88 | "    | 10.0 | 98.8 | 40-160 | 20 |
| 2-Hexanone                                        | 7.46 | "    | 10.0 | 74.6 | 40-160 | 20 |
| 4-Methyl-2-pentanone                              | 8.11 | "    | 10.0 | 81.1 | 40-160 | 20 |
| Acetone                                           | 6.02 | "    | 10.0 | 60.2 | 40-160 | 20 |
| Acrolein                                          | 10.6 | "    | 10.0 | 106  | 10-153 | 30 |
| Acrylonitrile                                     | 9.19 | "    | 10.0 | 91.9 | 51-150 | 30 |
| Benzene                                           | 10.5 | "    | 10.0 | 105  | 70-130 | 20 |
| Bromochloromethane                                | 9.51 | "    | 10.0 | 95.1 | 70-130 | 20 |



## 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 BD20777 - EPA 5030B

#### LCS (BD20777-BS1)

Prepared & Analyzed: 04/13/2022

|                                        |      |  |      |      |  |      |        |          |  |    |  |
|----------------------------------------|------|--|------|------|--|------|--------|----------|--|----|--|
| Bromodichloromethane                   | 9.04 |  | ug/L | 10.0 |  | 90.4 | 70-130 |          |  | 20 |  |
| Bromoform                              | 9.27 |  | "    | 10.0 |  | 92.7 | 70-130 |          |  | 20 |  |
| Bromomethane                           | 1.60 |  | "    | 10.0 |  | 16.0 | 40-160 | Low Bias |  | 20 |  |
| Carbon disulfide                       | 11.4 |  | "    | 10.0 |  | 114  | 40-160 |          |  | 20 |  |
| Carbon tetrachloride                   | 11.0 |  | "    | 10.0 |  | 110  | 70-130 |          |  | 20 |  |
| Chlorobenzene                          | 9.96 |  | "    | 10.0 |  | 99.6 | 70-130 |          |  | 20 |  |
| Chloroethane                           | 10.3 |  | "    | 10.0 |  | 103  | 40-160 |          |  | 20 |  |
| Chloroform                             | 10.3 |  | "    | 10.0 |  | 103  | 70-130 |          |  | 20 |  |
| Chloromethane                          | 7.73 |  | "    | 10.0 |  | 77.3 | 40-160 |          |  | 20 |  |
| cis-1,2-Dichloroethylene               | 10.7 |  | "    | 10.0 |  | 107  | 70-130 |          |  | 20 |  |
| cis-1,3-Dichloropropylene              | 9.11 |  | "    | 10.0 |  | 91.1 | 70-130 |          |  | 20 |  |
| Cyclohexane                            | 9.88 |  | "    | 10.0 |  | 98.8 | 70-130 |          |  | 20 |  |
| Dibromochloromethane                   | 9.05 |  | "    | 10.0 |  | 90.5 | 70-130 |          |  | 20 |  |
| Dibromomethane                         | 9.15 |  | "    | 10.0 |  | 91.5 | 72-134 |          |  | 30 |  |
| Dichlorodifluoromethane                | 10.1 |  | "    | 10.0 |  | 101  | 40-160 |          |  | 20 |  |
| Ethyl Benzene                          | 9.52 |  | "    | 10.0 |  | 95.2 | 70-130 |          |  | 20 |  |
| Hexachlorobutadiene                    | 7.63 |  | "    | 10.0 |  | 76.3 | 67-146 |          |  | 30 |  |
| Isopropylbenzene                       | 8.95 |  | "    | 10.0 |  | 89.5 | 70-130 |          |  | 20 |  |
| Methyl acetate                         | 8.54 |  | "    | 10.0 |  | 85.4 | 70-130 |          |  | 20 |  |
| Methyl tert-butyl ether (MTBE)         | 9.83 |  | "    | 10.0 |  | 98.3 | 70-130 |          |  | 20 |  |
| Methylcyclohexane                      | 8.94 |  | "    | 10.0 |  | 89.4 | 70-130 |          |  | 20 |  |
| Methylene chloride                     | 10.1 |  | "    | 10.0 |  | 101  | 70-130 |          |  | 20 |  |
| n-Butylbenzene                         | 8.00 |  | "    | 10.0 |  | 80.0 | 79-132 |          |  | 30 |  |
| n-Propylbenzene                        | 8.70 |  | "    | 10.0 |  | 87.0 | 78-133 |          |  | 30 |  |
| o-Xylene                               | 9.47 |  | "    | 10.0 |  | 94.7 | 70-130 |          |  | 20 |  |
| p- & m- Xylenes                        | 19.6 |  | "    | 20.0 |  | 98.1 | 70-130 |          |  | 20 |  |
| p-Isopropyltoluene                     | 8.63 |  | "    | 10.0 |  | 86.3 | 81-136 |          |  | 30 |  |
| sec-Butylbenzene                       | 8.50 |  | "    | 10.0 |  | 85.0 | 79-137 |          |  | 30 |  |
| Styrene                                | 9.11 |  | "    | 10.0 |  | 91.1 | 70-130 |          |  | 20 |  |
| tert-Butyl alcohol (TBA)               | 48.2 |  | "    | 50.0 |  | 96.4 | 25-162 |          |  | 30 |  |
| tert-Butylbenzene                      | 8.71 |  | "    | 10.0 |  | 87.1 | 77-138 |          |  | 30 |  |
| Tetrachloroethylene                    | 5.88 |  | "    | 10.0 |  | 58.8 | 70-130 | Low Bias |  | 20 |  |
| Toluene                                | 9.75 |  | "    | 10.0 |  | 97.5 | 70-130 |          |  | 20 |  |
| trans-1,2-Dichloroethylene             | 10.6 |  | "    | 10.0 |  | 106  | 70-130 |          |  | 20 |  |
| trans-1,3-Dichloropropylene            | 8.92 |  | "    | 10.0 |  | 89.2 | 70-130 |          |  | 20 |  |
| Trichloroethylene                      | 9.64 |  | "    | 10.0 |  | 96.4 | 70-130 |          |  | 20 |  |
| Trichlorofluoromethane                 | 10.0 |  | "    | 10.0 |  | 100  | 40-160 |          |  | 20 |  |
| Vinyl Chloride                         | 9.95 |  | "    | 10.0 |  | 99.5 | 70-130 |          |  | 20 |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.2 |  | "    | 10.0 |  | 102  | 70-130 |          |  |    |  |
| Surrogate: SURR: Toluene-d8            | 9.48 |  | "    | 10.0 |  | 94.8 | 70-130 |          |  |    |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 9.71 |  | "    | 10.0 |  | 97.1 | 70-130 |          |  |    |  |



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

**York Analytical Laboratories, Inc.**

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag     | RPD   | Limit | Flag     |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|-------|-------|----------|
| <b>Batch BD20777 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |          |       |       |          |
| <b>LCS Dup (BD20777-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 04/13/2022 |             |          |       |       |          |
| 1,1,1,2-Tetrachloroethane                         | 9.18   |                 | ug/L  | 10.0        |                | 91.8                            | 82-126      |          | 0.327 | 30    |          |
| 1,1,1-Trichloroethane                             | 10.4   |                 | "     | 10.0        |                | 104                             | 70-130      |          | 3.69  | 20    |          |
| 1,1,2,2-Tetrachloroethane                         | 9.01   |                 | "     | 10.0        |                | 90.1                            | 70-130      |          | 1.34  | 20    |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.1   |                 | "     | 10.0        |                | 111                             | 70-130      |          | 9.70  | 20    |          |
| 1,1,2-Trichloroethane                             | 8.92   |                 | "     | 10.0        |                | 89.2                            | 70-130      |          | 0.675 | 20    |          |
| 1,1-Dichloroethane                                | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |          | 1.98  | 20    |          |
| 1,1-Dichloroethylene                              | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |          | 5.66  | 20    |          |
| 1,2,3-Trichlorobenzene                            | 8.62   |                 | "     | 10.0        |                | 86.2                            | 70-130      |          | 3.18  | 20    |          |
| 1,2,3-Trichloropropane                            | 8.90   |                 | "     | 10.0        |                | 89.0                            | 77-128      |          | 0.672 | 30    |          |
| 1,2,4-Trichlorobenzene                            | 8.21   |                 | "     | 10.0        |                | 82.1                            | 70-130      |          | 1.47  | 20    |          |
| 1,2,4-Trimethylbenzene                            | 8.73   |                 | "     | 10.0        |                | 87.3                            | 82-132      |          | 1.38  | 20    |          |
| 1,2-Dibromo-3-chloropropane                       | 8.68   |                 | "     | 10.0        |                | 86.8                            | 40-160      |          | 2.33  | 20    |          |
| 1,2-Dibromoethane                                 | 9.16   |                 | "     | 10.0        |                | 91.6                            | 70-130      |          | 0.328 | 20    |          |
| 1,2-Dichlorobenzene                               | 8.75   |                 | "     | 10.0        |                | 87.5                            | 70-130      |          | 0.458 | 20    |          |
| 1,2-Dichloroethane                                | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |          | 0.963 | 20    |          |
| 1,2-Dichloropropane                               | 9.07   |                 | "     | 10.0        |                | 90.7                            | 70-130      |          | 0.00  | 20    |          |
| 1,3,5-Trimethylbenzene                            | 8.69   |                 | "     | 10.0        |                | 86.9                            | 80-131      |          | 1.51  | 30    |          |
| 1,3-Dichlorobenzene                               | 8.71   |                 | "     | 10.0        |                | 87.1                            | 70-130      |          | 0.345 | 20    |          |
| 1,4-Dichlorobenzene                               | 8.73   |                 | "     | 10.0        |                | 87.3                            | 70-130      |          | 0.229 | 20    |          |
| 1,4-Dioxane                                       | 157    |                 | "     | 210         |                | 74.9                            | 40-160      |          | 1.47  | 20    |          |
| 2-Butanone                                        | 10.1   |                 | "     | 10.0        |                | 101                             | 40-160      |          | 2.00  | 20    |          |
| 2-Hexanone                                        | 7.57   |                 | "     | 10.0        |                | 75.7                            | 40-160      |          | 1.46  | 20    |          |
| 4-Methyl-2-pentanone                              | 8.18   |                 | "     | 10.0        |                | 81.8                            | 40-160      |          | 0.859 | 20    |          |
| Acetone                                           | 5.91   |                 | "     | 10.0        |                | 59.1                            | 40-160      |          | 1.84  | 20    |          |
| Acrolein                                          | 10.9   |                 | "     | 10.0        |                | 109                             | 10-153      |          | 2.89  | 30    |          |
| Acrylonitrile                                     | 9.18   |                 | "     | 10.0        |                | 91.8                            | 51-150      |          | 0.109 | 30    |          |
| Benzene                                           | 10.4   |                 | "     | 10.0        |                | 104                             | 70-130      |          | 1.53  | 20    |          |
| Bromochloromethane                                | 9.20   |                 | "     | 10.0        |                | 92.0                            | 70-130      |          | 3.31  | 20    |          |
| Bromodichloromethane                              | 9.03   |                 | "     | 10.0        |                | 90.3                            | 70-130      |          | 0.111 | 20    |          |
| Bromoform                                         | 9.25   |                 | "     | 10.0        |                | 92.5                            | 70-130      |          | 0.216 | 20    |          |
| Bromomethane                                      | 2.07   |                 | "     | 10.0        |                | 20.7                            | 40-160      | Low Bias | 25.6  | 20    | Non-dir. |
| Carbon disulfide                                  | 10.8   |                 | "     | 10.0        |                | 108                             | 40-160      |          | 5.42  | 20    |          |
| Carbon tetrachloride                              | 10.6   |                 | "     | 10.0        |                | 106                             | 70-130      |          | 3.79  | 20    |          |
| Chlorobenzene                                     | 9.88   |                 | "     | 10.0        |                | 98.8                            | 70-130      |          | 0.806 | 20    |          |
| Chloroethane                                      | 9.86   |                 | "     | 10.0        |                | 98.6                            | 40-160      |          | 4.75  | 20    |          |
| Chloroform                                        | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |          | 0.975 | 20    |          |
| Chloromethane                                     | 7.37   |                 | "     | 10.0        |                | 73.7                            | 40-160      |          | 4.77  | 20    |          |
| cis-1,2-Dichloroethylene                          | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |          | 4.41  | 20    |          |
| cis-1,3-Dichloropropylene                         | 9.07   |                 | "     | 10.0        |                | 90.7                            | 70-130      |          | 0.440 | 20    |          |
| Cyclohexane                                       | 9.30   |                 | "     | 10.0        |                | 93.0                            | 70-130      |          | 6.05  | 20    |          |
| Dibromochloromethane                              | 8.91   |                 | "     | 10.0        |                | 89.1                            | 70-130      |          | 1.56  | 20    |          |
| Dibromomethane                                    | 9.08   |                 | "     | 10.0        |                | 90.8                            | 72-134      |          | 0.768 | 30    |          |
| Dichlorodifluoromethane                           | 9.04   |                 | "     | 10.0        |                | 90.4                            | 40-160      |          | 11.0  | 20    |          |
| Ethyl Benzene                                     | 9.47   |                 | "     | 10.0        |                | 94.7                            | 70-130      |          | 0.527 | 20    |          |
| Hexachlorobutadiene                               | 8.12   |                 | "     | 10.0        |                | 81.2                            | 67-146      |          | 6.22  | 30    |          |
| Isopropylbenzene                                  | 9.03   |                 | "     | 10.0        |                | 90.3                            | 70-130      |          | 0.890 | 20    |          |
| Methyl acetate                                    | 8.49   |                 | "     | 10.0        |                | 84.9                            | 70-130      |          | 0.587 | 20    |          |
| Methyl tert-butyl ether (MTBE)                    | 9.83   |                 | "     | 10.0        |                | 98.3                            | 70-130      |          | 0.00  | 20    |          |
| Methylcyclohexane                                 | 8.56   |                 | "     | 10.0        |                | 85.6                            | 70-130      |          | 4.34  | 20    |          |
| Methylene chloride                                | 11.0   |                 | "     | 10.0        |                | 110                             | 70-130      |          | 9.18  | 20    |          |



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

### York Analytical Laboratories, Inc.

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

#### Batch BD20777 - EPA 5030B

##### LCS Dup (BD20777-BSD1)

Prepared & Analyzed: 04/13/2022

|                                        |      |  |      |      |  |      |        |          |        |    |
|----------------------------------------|------|--|------|------|--|------|--------|----------|--------|----|
| n-Butylbenzene                         | 8.48 |  | ug/L | 10.0 |  | 84.8 | 79-132 |          | 5.83   | 30 |
| n-Propylbenzene                        | 8.78 |  | "    | 10.0 |  | 87.8 | 78-133 |          | 0.915  | 30 |
| o-Xylene                               | 9.50 |  | "    | 10.0 |  | 95.0 | 70-130 |          | 0.316  | 20 |
| p- & m- Xylenes                        | 19.5 |  | "    | 20.0 |  | 97.5 | 70-130 |          | 0.614  | 20 |
| p-Isopropyltoluene                     | 8.87 |  | "    | 10.0 |  | 88.7 | 81-136 |          | 2.74   | 30 |
| sec-Butylbenzene                       | 8.75 |  | "    | 10.0 |  | 87.5 | 79-137 |          | 2.90   | 30 |
| Styrene                                | 9.08 |  | "    | 10.0 |  | 90.8 | 70-130 |          | 0.330  | 20 |
| tert-Butyl alcohol (TBA)               | 48.2 |  | "    | 50.0 |  | 96.5 | 25-162 |          | 0.0622 | 30 |
| tert-Butylbenzene                      | 8.82 |  | "    | 10.0 |  | 88.2 | 77-138 |          | 1.25   | 30 |
| Tetrachloroethylene                    | 5.68 |  | "    | 10.0 |  | 56.8 | 70-130 | Low Bias | 3.46   | 20 |
| Toluene                                | 9.42 |  | "    | 10.0 |  | 94.2 | 70-130 |          | 3.44   | 20 |
| trans-1,2-Dichloroethylene             | 10.2 |  | "    | 10.0 |  | 102  | 70-130 |          | 4.05   | 20 |
| trans-1,3-Dichloropropylene            | 8.95 |  | "    | 10.0 |  | 89.5 | 70-130 |          | 0.336  | 20 |
| Trichloroethylene                      | 9.02 |  | "    | 10.0 |  | 90.2 | 70-130 |          | 6.65   | 20 |
| Trichlorofluoromethane                 | 9.31 |  | "    | 10.0 |  | 93.1 | 40-160 |          | 7.35   | 20 |
| Vinyl Chloride                         | 9.60 |  | "    | 10.0 |  | 96.0 | 70-130 |          | 3.58   | 20 |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.2 |  | "    | 10.0 |  | 102  | 70-130 |          |        |    |
| Surrogate: SURR: Toluene-d8            | 9.50 |  | "    | 10.0 |  | 95.0 | 70-130 |          |        |    |
| Surrogate: SURR: p-Bromofluorobenzene  | 9.66 |  | "    | 10.0 |  | 96.6 | 70-130 |          |        |    |

#### Batch BD20901 - EPA 5030B

##### Blank (BD20901-BLK1)

Prepared: 04/14/2022 Analyzed: 04/15/2022

|                                                   |    |       |      |  |  |  |  |  |  |  |
|---------------------------------------------------|----|-------|------|--|--|--|--|--|--|--|
| 1,1,1,2-Tetrachloroethane                         | ND | 0.500 | ug/L |  |  |  |  |  |  |  |
| 1,1,1-Trichloroethane                             | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1,2,2-Tetrachloroethane                         | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1,2-Trichloroethane                             | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1-Dichloroethane                                | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,1-Dichloroethylene                              | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2,3-Trichlorobenzene                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2,3-Trichloropropane                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2,4-Trichlorobenzene                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2,4-Trimethylbenzene                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dibromo-3-chloropropane                       | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dibromoethane                                 | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dichlorobenzene                               | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dichloroethane                                | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,2-Dichloropropane                               | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,3,5-Trimethylbenzene                            | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,3-Dichlorobenzene                               | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,4-Dichlorobenzene                               | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 1,4-Dioxane                                       | ND | 80.0  | "    |  |  |  |  |  |  |  |
| 2-Butanone                                        | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 2-Hexanone                                        | ND | 0.500 | "    |  |  |  |  |  |  |  |
| 4-Methyl-2-pentanone                              | ND | 0.500 | "    |  |  |  |  |  |  |  |
| Acetone                                           | ND | 2.00  | "    |  |  |  |  |  |  |  |
| Acrolein                                          | ND | 0.500 | "    |  |  |  |  |  |  |  |
| Acrylonitrile                                     | ND | 0.500 | "    |  |  |  |  |  |  |  |
| Benzene                                           | ND | 0.500 | "    |  |  |  |  |  |  |  |
| Bromochloromethane                                | ND | 0.500 | "    |  |  |  |  |  |  |  |



## 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 BD20901 - EPA 5030B

##### Blank (BD20901-BLK1)

Prepared: 04/14/2022 Analyzed: 04/15/2022

|                                        |      |       |      |      |  |      |        |  |  |  |  |
|----------------------------------------|------|-------|------|------|--|------|--------|--|--|--|--|
| Bromodichloromethane                   | ND   | 0.500 | ug/L |      |  |      |        |  |  |  |  |
| Bromoform                              | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Bromomethane                           | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Carbon disulfide                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Carbon tetrachloride                   | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chlorobenzene                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chloroethane                           | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chloroform                             | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Chloromethane                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| cis-1,2-Dichloroethylene               | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| cis-1,3-Dichloropropylene              | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Cyclohexane                            | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Dibromochloromethane                   | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Dibromomethane                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Dichlorodifluoromethane                | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Ethyl Benzene                          | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Hexachlorobutadiene                    | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Isopropylbenzene                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methyl acetate                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methyl tert-butyl ether (MTBE)         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methylcyclohexane                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Methylene chloride                     | ND   | 2.00  | "    |      |  |      |        |  |  |  |  |
| n-Butylbenzene                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| n-Propylbenzene                        | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| o-Xylene                               | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| p- & m- Xylenes                        | ND   | 1.00  | "    |      |  |      |        |  |  |  |  |
| p-Isopropyltoluene                     | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| sec-Butylbenzene                       | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Styrene                                | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| tert-Butyl alcohol (TBA)               | ND   | 1.00  | "    |      |  |      |        |  |  |  |  |
| tert-Butylbenzene                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Tetrachloroethylene                    | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Toluene                                | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,2-Dichloroethylene             | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| trans-1,3-Dichloropropylene            | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Trichloroethylene                      | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Trichlorofluoromethane                 | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Vinyl Chloride                         | ND   | 0.500 | "    |      |  |      |        |  |  |  |  |
| Xylenes, Total                         | ND   | 1.50  | "    |      |  |      |        |  |  |  |  |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 10.3 |       | "    | 10.0 |  | 103  | 70-130 |  |  |  |  |
| Surrogate: SURR: Toluene-d8            | 9.46 |       | "    | 10.0 |  | 94.6 | 70-130 |  |  |  |  |
| Surrogate: SURR: p-Bromofluorobenzene  | 10.0 |       | "    | 10.0 |  | 100  | 70-130 |  |  |  |  |



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

**York Analytical Laboratories, Inc.**

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag     | RPD | RPD Limit | Flag |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|-----|-----------|------|
| <b>Batch BD20901 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |          |     |           |      |
| <b>LCS (BD20901-BS1)</b>                          |        |                 |       |             |                | Prepared & Analyzed: 04/14/2022 |             |          |     |           |      |
| 1,1,1,2-Tetrachloroethane                         | 8.53   |                 | ug/L  | 10.0        |                | 85.3                            | 82-126      |          |     | 30        |      |
| 1,1,1-Trichloroethane                             | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |          |     | 20        |      |
| 1,1,2,2-Tetrachloroethane                         | 8.62   |                 | "     | 10.0        |                | 86.2                            | 70-130      |          |     | 20        |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.7   |                 | "     | 10.0        |                | 117                             | 70-130      |          |     | 20        |      |
| 1,1,2-Trichloroethane                             | 8.73   |                 | "     | 10.0        |                | 87.3                            | 70-130      |          |     | 20        |      |
| 1,1-Dichloroethane                                | 9.91   |                 | "     | 10.0        |                | 99.1                            | 70-130      |          |     | 20        |      |
| 1,1-Dichloroethylene                              | 10.4   |                 | "     | 10.0        |                | 104                             | 70-130      |          |     | 20        |      |
| 1,2,3-Trichlorobenzene                            | 7.65   |                 | "     | 10.0        |                | 76.5                            | 70-130      |          |     | 20        |      |
| 1,2,3-Trichloropropane                            | 8.43   |                 | "     | 10.0        |                | 84.3                            | 77-128      |          |     | 30        |      |
| 1,2,4-Trichlorobenzene                            | 7.66   |                 | "     | 10.0        |                | 76.6                            | 70-130      |          |     | 20        |      |
| 1,2,4-Trimethylbenzene                            | 8.36   |                 | "     | 10.0        |                | 83.6                            | 82-132      |          |     | 20        |      |
| 1,2-Dibromo-3-chloropropane                       | 8.00   |                 | "     | 10.0        |                | 80.0                            | 40-160      |          |     | 20        |      |
| 1,2-Dibromoethane                                 | 8.71   |                 | "     | 10.0        |                | 87.1                            | 70-130      |          |     | 20        |      |
| 1,2-Dichlorobenzene                               | 8.29   |                 | "     | 10.0        |                | 82.9                            | 70-130      |          |     | 20        |      |
| 1,2-Dichloroethane                                | 9.95   |                 | "     | 10.0        |                | 99.5                            | 70-130      |          |     | 20        |      |
| 1,2-Dichloropropane                               | 8.74   |                 | "     | 10.0        |                | 87.4                            | 70-130      |          |     | 20        |      |
| 1,3,5-Trimethylbenzene                            | 8.27   |                 | "     | 10.0        |                | 82.7                            | 80-131      |          |     | 30        |      |
| 1,3-Dichlorobenzene                               | 8.26   |                 | "     | 10.0        |                | 82.6                            | 70-130      |          |     | 20        |      |
| 1,4-Dichlorobenzene                               | 8.30   |                 | "     | 10.0        |                | 83.0                            | 70-130      |          |     | 20        |      |
| 1,4-Dioxane                                       | 163    |                 | "     | 210         |                | 77.6                            | 40-160      |          |     | 20        |      |
| 2-Butanone                                        | 9.96   |                 | "     | 10.0        |                | 99.6                            | 40-160      |          |     | 20        |      |
| 2-Hexanone                                        | 7.26   |                 | "     | 10.0        |                | 72.6                            | 40-160      |          |     | 20        |      |
| 4-Methyl-2-pentanone                              | 7.95   |                 | "     | 10.0        |                | 79.5                            | 40-160      |          |     | 20        |      |
| Acetone                                           | 6.10   |                 | "     | 10.0        |                | 61.0                            | 40-160      |          |     | 20        |      |
| Acrolein                                          | 10.6   |                 | "     | 10.0        |                | 106                             | 10-153      |          |     | 30        |      |
| Acrylonitrile                                     | 8.87   |                 | "     | 10.0        |                | 88.7                            | 51-150      |          |     | 30        |      |
| Benzene                                           | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |          |     | 20        |      |
| Bromochloromethane                                | 8.98   |                 | "     | 10.0        |                | 89.8                            | 70-130      |          |     | 20        |      |
| Bromodichloromethane                              | 8.53   |                 | "     | 10.0        |                | 85.3                            | 70-130      |          |     | 20        |      |
| Bromoform                                         | 8.44   |                 | "     | 10.0        |                | 84.4                            | 70-130      |          |     | 20        |      |
| Bromomethane                                      | 1.85   |                 | "     | 10.0        |                | 18.5                            | 40-160      | Low Bias |     | 20        |      |
| Carbon disulfide                                  | 10.9   |                 | "     | 10.0        |                | 109                             | 40-160      |          |     | 20        |      |
| Carbon tetrachloride                              | 10.6   |                 | "     | 10.0        |                | 106                             | 70-130      |          |     | 20        |      |
| Chlorobenzene                                     | 9.49   |                 | "     | 10.0        |                | 94.9                            | 70-130      |          |     | 20        |      |
| Chloroethane                                      | 10.4   |                 | "     | 10.0        |                | 104                             | 40-160      |          |     | 20        |      |
| Chloroform                                        | 9.97   |                 | "     | 10.0        |                | 99.7                            | 70-130      |          |     | 20        |      |
| Chloromethane                                     | 7.25   |                 | "     | 10.0        |                | 72.5                            | 40-160      |          |     | 20        |      |
| cis-1,2-Dichloroethylene                          | 9.74   |                 | "     | 10.0        |                | 97.4                            | 70-130      |          |     | 20        |      |
| cis-1,3-Dichloropropylene                         | 8.38   |                 | "     | 10.0        |                | 83.8                            | 70-130      |          |     | 20        |      |
| Cyclohexane                                       | 9.72   |                 | "     | 10.0        |                | 97.2                            | 70-130      |          |     | 20        |      |
| Dibromochloromethane                              | 8.46   |                 | "     | 10.0        |                | 84.6                            | 70-130      |          |     | 20        |      |
| Dibromomethane                                    | 8.67   |                 | "     | 10.0        |                | 86.7                            | 72-134      |          |     | 30        |      |
| Dichlorodifluoromethane                           | 10.2   |                 | "     | 10.0        |                | 102                             | 40-160      |          |     | 20        |      |
| Ethyl Benzene                                     | 9.08   |                 | "     | 10.0        |                | 90.8                            | 70-130      |          |     | 20        |      |
| Hexachlorobutadiene                               | 7.61   |                 | "     | 10.0        |                | 76.1                            | 67-146      |          |     | 30        |      |
| Isopropylbenzene                                  | 8.76   |                 | "     | 10.0        |                | 87.6                            | 70-130      |          |     | 20        |      |
| Methyl acetate                                    | 7.98   |                 | "     | 10.0        |                | 79.8                            | 70-130      |          |     | 20        |      |
| Methyl tert-butyl ether (MTBE)                    | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |          |     | 20        |      |
| Methylcyclohexane                                 | 8.82   |                 | "     | 10.0        |                | 88.2                            | 70-130      |          |     | 20        |      |
| Methylene chloride                                | 9.99   |                 | "     | 10.0        |                | 99.9                            | 70-130      |          |     | 20        |      |



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

### York Analytical Laboratories, Inc.

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag     | RPD   | RPD Limit | Flag |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|-------|-----------|------|
| <b>Batch BD20901 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |          |       |           |      |
| <b>LCS (BD20901-BS1)</b>                          |        |                 |       |             |                | Prepared & Analyzed: 04/14/2022 |             |          |       |           |      |
| n-Butylbenzene                                    | 8.59   |                 | ug/L  | 10.0        |                | 85.9                            | 79-132      |          |       | 30        |      |
| n-Propylbenzene                                   | 8.47   |                 | "     | 10.0        |                | 84.7                            | 78-133      |          |       | 30        |      |
| o-Xylene                                          | 9.06   |                 | "     | 10.0        |                | 90.6                            | 70-130      |          |       | 20        |      |
| p- & m- Xylenes                                   | 18.7   |                 | "     | 20.0        |                | 93.5                            | 70-130      |          |       | 20        |      |
| p-Isopropyltoluene                                | 8.41   |                 | "     | 10.0        |                | 84.1                            | 81-136      |          |       | 30        |      |
| sec-Butylbenzene                                  | 8.46   |                 | "     | 10.0        |                | 84.6                            | 79-137      |          |       | 30        |      |
| Styrene                                           | 8.47   |                 | "     | 10.0        |                | 84.7                            | 70-130      |          |       | 20        |      |
| tert-Butyl alcohol (TBA)                          | 49.4   |                 | "     | 50.0        |                | 98.9                            | 25-162      |          |       | 30        |      |
| tert-Butylbenzene                                 | 8.55   |                 | "     | 10.0        |                | 85.5                            | 77-138      |          |       | 30        |      |
| Tetrachloroethylene                               | 5.42   |                 | "     | 10.0        |                | 54.2                            | 70-130      | Low Bias |       | 20        |      |
| Toluene                                           | 8.94   |                 | "     | 10.0        |                | 89.4                            | 70-130      |          |       | 20        |      |
| trans-1,2-Dichloroethylene                        | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |          |       | 20        |      |
| trans-1,3-Dichloropropylene                       | 8.16   |                 | "     | 10.0        |                | 81.6                            | 70-130      |          |       | 20        |      |
| Trichloroethylene                                 | 8.59   |                 | "     | 10.0        |                | 85.9                            | 70-130      |          |       | 20        |      |
| Trichlorofluoromethane                            | 10.5   |                 | "     | 10.0        |                | 105                             | 40-160      |          |       | 20        |      |
| Vinyl Chloride                                    | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |          |       | 20        |      |
| Surrogate: SURR: 1,2-Dichloroethane-d4            | 9.95   |                 | "     | 10.0        |                | 99.5                            | 70-130      |          |       |           |      |
| Surrogate: SURR: Toluene-d8                       | 9.41   |                 | "     | 10.0        |                | 94.1                            | 70-130      |          |       |           |      |
| Surrogate: SURR: p-Bromofluorobenzene             | 9.91   |                 | "     | 10.0        |                | 99.1                            | 70-130      |          |       |           |      |
| <b>LCS Dup (BD20901-BS1)</b>                      |        |                 |       |             |                | Prepared & Analyzed: 04/14/2022 |             |          |       |           |      |
| 1,1,1,2-Tetrachloroethane                         | 8.50   |                 | ug/L  | 10.0        |                | 85.0                            | 82-126      |          | 0.352 | 30        |      |
| 1,1,1-Trichloroethane                             | 10.0   |                 | "     | 10.0        |                | 100                             | 70-130      |          | 2.47  | 20        |      |
| 1,1,2,2-Tetrachloroethane                         | 8.53   |                 | "     | 10.0        |                | 85.3                            | 70-130      |          | 1.05  | 20        |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.2   |                 | "     | 10.0        |                | 112                             | 70-130      |          | 4.20  | 20        |      |
| 1,1,2-Trichloroethane                             | 8.35   |                 | "     | 10.0        |                | 83.5                            | 70-130      |          | 4.45  | 20        |      |
| 1,1-Dichloroethane                                | 9.71   |                 | "     | 10.0        |                | 97.1                            | 70-130      |          | 2.04  | 20        |      |
| 1,1-Dichloroethylene                              | 10.2   |                 | "     | 10.0        |                | 102                             | 70-130      |          | 1.65  | 20        |      |
| 1,2,3-Trichlorobenzene                            | 7.45   |                 | "     | 10.0        |                | 74.5                            | 70-130      |          | 2.65  | 20        |      |
| 1,2,3-Trichloropropane                            | 8.27   |                 | "     | 10.0        |                | 82.7                            | 77-128      |          | 1.92  | 30        |      |
| 1,2,4-Trichlorobenzene                            | 7.44   |                 | "     | 10.0        |                | 74.4                            | 70-130      |          | 2.91  | 20        |      |
| 1,2,4-Trimethylbenzene                            | 8.11   |                 | "     | 10.0        |                | 81.1                            | 82-132      | Low Bias | 3.04  | 20        |      |
| 1,2-Dibromo-3-chloropropane                       | 7.82   |                 | "     | 10.0        |                | 78.2                            | 40-160      |          | 2.28  | 20        |      |
| 1,2-Dibromoethane                                 | 8.56   |                 | "     | 10.0        |                | 85.6                            | 70-130      |          | 1.74  | 20        |      |
| 1,2-Dichlorobenzene                               | 8.08   |                 | "     | 10.0        |                | 80.8                            | 70-130      |          | 2.57  | 20        |      |
| 1,2-Dichloroethane                                | 9.85   |                 | "     | 10.0        |                | 98.5                            | 70-130      |          | 1.01  | 20        |      |
| 1,2-Dichloropropane                               | 8.57   |                 | "     | 10.0        |                | 85.7                            | 70-130      |          | 1.96  | 20        |      |
| 1,3,5-Trimethylbenzene                            | 8.04   |                 | "     | 10.0        |                | 80.4                            | 80-131      |          | 2.82  | 30        |      |
| 1,3-Dichlorobenzene                               | 8.03   |                 | "     | 10.0        |                | 80.3                            | 70-130      |          | 2.82  | 20        |      |
| 1,4-Dichlorobenzene                               | 8.05   |                 | "     | 10.0        |                | 80.5                            | 70-130      |          | 3.06  | 20        |      |
| 1,4-Dioxane                                       | 160    |                 | "     | 210         |                | 76.2                            | 40-160      |          | 1.82  | 20        |      |
| 2-Butanone                                        | 10.1   |                 | "     | 10.0        |                | 101                             | 40-160      |          | 1.30  | 20        |      |
| 2-Hexanone                                        | 7.27   |                 | "     | 10.0        |                | 72.7                            | 40-160      |          | 0.138 | 20        |      |
| 4-Methyl-2-pentanone                              | 7.82   |                 | "     | 10.0        |                | 78.2                            | 40-160      |          | 1.65  | 20        |      |
| Acetone                                           | 6.05   |                 | "     | 10.0        |                | 60.5                            | 40-160      |          | 0.823 | 20        |      |
| Acrolein                                          | 10.7   |                 | "     | 10.0        |                | 107                             | 10-153      |          | 0.563 | 30        |      |
| Acrylonitrile                                     | 8.87   |                 | "     | 10.0        |                | 88.7                            | 51-150      |          | 0.00  | 30        |      |
| Benzene                                           | 9.92   |                 | "     | 10.0        |                | 99.2                            | 70-130      |          | 2.98  | 20        |      |
| Bromochloromethane                                | 9.03   |                 | "     | 10.0        |                | 90.3                            | 70-130      |          | 0.555 | 20        |      |
| Bromodichloromethane                              | 8.40   |                 | "     | 10.0        |                | 84.0                            | 70-130      |          | 1.54  | 20        |      |



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

**York Analytical Laboratories, Inc.**

| Analyte                                | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag     | RPD   | RPD Limit | Flag     |
|----------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|-------|-----------|----------|
| <b>Batch BD20901 - EPA 5030B</b>       |        |                 |       |             |                |                                 |             |          |       |           |          |
| <b>LCS Dup (BD20901-BSD1)</b>          |        |                 |       |             |                | Prepared & Analyzed: 04/14/2022 |             |          |       |           |          |
| Bromoform                              | 8.37   |                 | ug/L  | 10.0        |                | 83.7                            | 70-130      |          | 0.833 | 20        |          |
| Bromomethane                           | 2.29   |                 | "     | 10.0        |                | 22.9                            | 40-160      | Low Bias | 21.3  | 20        | Non-dir. |
| Carbon disulfide                       | 10.5   |                 | "     | 10.0        |                | 105                             | 40-160      |          | 3.55  | 20        |          |
| Carbon tetrachloride                   | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |          | 3.26  | 20        |          |
| Chlorobenzene                          | 9.22   |                 | "     | 10.0        |                | 92.2                            | 70-130      |          | 2.89  | 20        |          |
| Chloroethane                           | 10.3   |                 | "     | 10.0        |                | 103                             | 40-160      |          | 0.970 | 20        |          |
| Chloroform                             | 9.83   |                 | "     | 10.0        |                | 98.3                            | 70-130      |          | 1.41  | 20        |          |
| Chloromethane                          | 7.28   |                 | "     | 10.0        |                | 72.8                            | 40-160      |          | 0.413 | 20        |          |
| cis-1,2-Dichloroethylene               | 9.52   |                 | "     | 10.0        |                | 95.2                            | 70-130      |          | 2.28  | 20        |          |
| cis-1,3-Dichloropropylene              | 8.29   |                 | "     | 10.0        |                | 82.9                            | 70-130      |          | 1.08  | 20        |          |
| Cyclohexane                            | 9.61   |                 | "     | 10.0        |                | 96.1                            | 70-130      |          | 1.14  | 20        |          |
| Dibromochloromethane                   | 8.40   |                 | "     | 10.0        |                | 84.0                            | 70-130      |          | 0.712 | 20        |          |
| Dibromomethane                         | 8.58   |                 | "     | 10.0        |                | 85.8                            | 72-134      |          | 1.04  | 30        |          |
| Dichlorodifluoromethane                | 9.81   |                 | "     | 10.0        |                | 98.1                            | 40-160      |          | 4.09  | 20        |          |
| Ethyl Benzene                          | 8.83   |                 | "     | 10.0        |                | 88.3                            | 70-130      |          | 2.79  | 20        |          |
| Hexachlorobutadiene                    | 7.17   |                 | "     | 10.0        |                | 71.7                            | 67-146      |          | 5.95  | 30        |          |
| Isopropylbenzene                       | 8.44   |                 | "     | 10.0        |                | 84.4                            | 70-130      |          | 3.72  | 20        |          |
| Methyl acetate                         | 7.79   |                 | "     | 10.0        |                | 77.9                            | 70-130      |          | 2.41  | 20        |          |
| Methyl tert-butyl ether (MTBE)         | 10.3   |                 | "     | 10.0        |                | 103                             | 70-130      |          | 0.878 | 20        |          |
| Methylcyclohexane                      | 8.46   |                 | "     | 10.0        |                | 84.6                            | 70-130      |          | 4.17  | 20        |          |
| Methylene chloride                     | 10.8   |                 | "     | 10.0        |                | 108                             | 70-130      |          | 7.70  | 20        |          |
| n-Butylbenzene                         | 8.11   |                 | "     | 10.0        |                | 81.1                            | 79-132      |          | 5.75  | 30        |          |
| n-Propylbenzene                        | 8.16   |                 | "     | 10.0        |                | 81.6                            | 78-133      |          | 3.73  | 30        |          |
| o-Xylene                               | 8.83   |                 | "     | 10.0        |                | 88.3                            | 70-130      |          | 2.57  | 20        |          |
| p- & m- Xylenes                        | 18.2   |                 | "     | 20.0        |                | 90.8                            | 70-130      |          | 2.93  | 20        |          |
| p-Isopropyltoluene                     | 8.16   |                 | "     | 10.0        |                | 81.6                            | 81-136      |          | 3.02  | 30        |          |
| sec-Butylbenzene                       | 8.13   |                 | "     | 10.0        |                | 81.3                            | 79-137      |          | 3.98  | 30        |          |
| Styrene                                | 8.28   |                 | "     | 10.0        |                | 82.8                            | 70-130      |          | 2.27  | 20        |          |
| tert-Butyl alcohol (TBA)               | 48.8   |                 | "     | 50.0        |                | 97.5                            | 25-162      |          | 1.34  | 30        |          |
| tert-Butylbenzene                      | 8.27   |                 | "     | 10.0        |                | 82.7                            | 77-138      |          | 3.33  | 30        |          |
| Tetrachloroethylene                    | 5.26   |                 | "     | 10.0        |                | 52.6                            | 70-130      | Low Bias | 3.00  | 20        |          |
| Toluene                                | 8.75   |                 | "     | 10.0        |                | 87.5                            | 70-130      |          | 2.15  | 20        |          |
| trans-1,2-Dichloroethylene             | 9.81   |                 | "     | 10.0        |                | 98.1                            | 70-130      |          | 2.91  | 20        |          |
| trans-1,3-Dichloropropylene            | 8.08   |                 | "     | 10.0        |                | 80.8                            | 70-130      |          | 0.985 | 20        |          |
| Trichloroethylene                      | 8.42   |                 | "     | 10.0        |                | 84.2                            | 70-130      |          | 2.00  | 20        |          |
| Trichlorofluoromethane                 | 10.1   |                 | "     | 10.0        |                | 101                             | 40-160      |          | 3.59  | 20        |          |
| Vinyl Chloride                         | 9.71   |                 | "     | 10.0        |                | 97.1                            | 70-130      |          | 2.94  | 20        |          |
| Surrogate: SURR: 1,2-Dichloroethane-d4 | 9.95   |                 | "     | 10.0        |                | 99.5                            | 70-130      |          |       |           |          |
| Surrogate: SURR: Toluene-d8            | 9.42   |                 | "     | 10.0        |                | 94.2                            | 70-130      |          |       |           |          |
| Surrogate: SURR: p-Bromofluorobenzene  | 9.84   |                 | "     | 10.0        |                | 98.4                            | 70-130      |          |       |           |          |





### Volatile Analysis Sample Containers

| Lab ID     | Client Sample ID | Volatile Sample Container                     |
|------------|------------------|-----------------------------------------------|
| 22D0138-01 | KC-IW-01         | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 22D0138-02 | KC-IW-02         | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 22D0138-03 | KC-IW-03         | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 22D0138-04 | KC-MW-08         | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |



## Sample and Data Qualifiers Relating to This Work Order

|       |                                                                                                                                                                                                    |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QR-04 | The RPD exceeded control limits for the LCS/LCSD QC.                                                                                                                                               |
| QL-02 | This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |

### 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.







## LABORATORY REPORT

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April 20, 2022

Eric Orlowski  
LaBella Associates  
21 Fox Street  
Poughkeepsie, NY 12601

**RE: Kingston CVS- Annual / CZ41103.20/0100**

Dear Eric:

Enclosed are the results of the sample submitted to our laboratory on April 6, 2022. For your reference, this analysis has been assigned our service request number P2201559.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at [www.alsglobal.com](http://www.alsglobal.com). Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

ALS | Environmental

  
By Sue Anderson at 2:14 pm, Apr 20, 2022

Sue Anderson  
Project Manager



Client: LaBella Associates  
Project: Kingston CVS- Annual / CZ41103.20/0100

Service Request No: P2201559  
New York Lab ID: 11221

## CASE NARRATIVE

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The sample was received intact under chain of custody on April 6, 2022 and was stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the sample at the time of sample receipt.

### Volatile Organic Compound Analysis

The sample was analyzed for volatile organic compounds and tentatively identified compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The upper control criteria were exceeded for bromomethane, carbon disulfide, vinyl acetate and tetrahydrofuran in the Laboratory Control Sample (LCS) analyzed on April 13, 2020. The analytes in question were not detected in the associated field samples. Since the error associated with the elevated recovery equates to a high bias, the sample data has not been significantly affected. The data has been flagged accordingly. No corrective action was required.

The container was cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

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*The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.*

*Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.*





## CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

| Agency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Web Site                                                                                                                                                                                                                                            | Number                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Alaska DEC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="http://dec.alaska.gov/eh/lab.aspx">http://dec.alaska.gov/eh/lab.aspx</a>                                                                                                                                                                   | 17-019                     |
| Arizona DHS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home">http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home</a> | AZ0694                     |
| Florida DOH (NELAP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html">http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html</a>                                               | E871020                    |
| Louisiana DEQ (NELAP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="http://www.deq.louisiana.gov/page/la-lab-accreditation">http://www.deq.louisiana.gov/page/la-lab-accreditation</a>                                                                                                                         | 05071                      |
| Maine DHHS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml">http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml</a>                                                             | 2018027                    |
| Minnesota DOH (NELAP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="http://www.health.state.mn.us/accreditation">http://www.health.state.mn.us/accreditation</a>                                                                                                                                               | 1776326                    |
| New Jersey DEP (NELAP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="http://www.nj.gov/dep/enforcement/oqa.html">http://www.nj.gov/dep/enforcement/oqa.html</a>                                                                                                                                                 | CA009                      |
| New York DOH (NELAP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="http://www.wadsworth.org/labcert/elap/elap.html">http://www.wadsworth.org/labcert/elap/elap.html</a>                                                                                                                                       | 11221                      |
| Oregon PHD (NELAP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx">http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx</a>                           | 4068-008                   |
| Pennsylvania DEP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx">http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx</a>                                           | 68-03307<br>(Registration) |
| PJLA (DoD ELAP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="http://www.pjlabs.com/search-accredited-labs">http://www.pjlabs.com/search-accredited-labs</a>                                                                                                                                             | 65818<br>(Testing)         |
| Texas CEQ (NELAP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html">http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html</a>                                                                                                         | T104704413-19-10           |
| Utah DOH (NELAP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="http://health.utah.gov/lab/lab_cert_env">http://health.utah.gov/lab/lab_cert_env</a>                                                                                                                                                       | CA016272019-10             |
| Washington DOE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html">http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html</a>                                                                                                         | C946                       |
| <p>Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at <a href="http://www.alsglobal.com">www.alsglobal.com</a>, or at the accreditation body's website.</p> <p>Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.</p> |                                                                                                                                                                                                                                                     |                            |

# ALS ENVIRONMENTAL

## DETAIL SUMMARY REPORT

Client: LaBella Associates  
Project ID: Kingston CVS- Annual / CZ41103.20/0100

Service Request: P2201559

Date Received: 4/6/2022  
Time Received: 17:00

TO-15 - VOC Cans

| Client Sample ID | Lab Code     | Matrix | Date Collected | Time Collected | Container ID | Pi1 (psig) | Pf1 (psig) |   |
|------------------|--------------|--------|----------------|----------------|--------------|------------|------------|---|
| KC-IAQ-001       | P2201559-001 | Air    | 4/4/2022       | 17:26          | AC02389      | -0.14      | 4.20       | X |





2655 Park Center Drive, Suite A  
Simi Valley, California 93065  
Phone (805) 526-7161

[illegible]



# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

Page 1 of 3

**Client:** LaBella Associates

**Client Sample ID:** KC-IAQ-001

**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559

ALS Sample ID: P2201559-001

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Analyst: Simon Cao

Sample Type: 6.0 L Summa Canister

Test Notes:

Container ID: AC02389

Date Collected: 4/4/22

Date Received: 4/6/22

Date Analyzed: 4/13 - 4/14/22

Volume(s) Analyzed: 1.00 Liter(s)

0.050 Liter(s)

Initial Pressure (psig): -0.14 Final Pressure (psig): 4.20

Canister Dilution Factor: 1.30

| CAS #     | Compound                                         | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|--------------------------------------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 115-07-1  | Propene                                          | 24                          | 0.68                     | 14             | 0.39        |                   |
| 75-71-8   | Dichlorodifluoromethane (CFC 12)                 | 2.5                         | 0.69                     | 0.50           | 0.14        |                   |
| 74-87-3   | Chloromethane                                    | 0.66                        | 0.27                     | 0.32           | 0.13        |                   |
| 76-14-2   | 1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114) | ND                          | 0.70                     | ND             | 0.10        |                   |
| 75-01-4   | Vinyl Chloride                                   | ND                          | 0.14                     | ND             | 0.056       |                   |
| 106-99-0  | 1,3-Butadiene                                    | ND                          | 0.27                     | ND             | 0.12        |                   |
| 74-83-9   | Bromomethane                                     | ND                          | 0.27                     | ND             | 0.070       |                   |
| 75-00-3   | Chloroethane                                     | ND                          | 0.27                     | ND             | 0.10        |                   |
| 64-17-5   | Ethanol                                          | 2,200                       | 130                      | 1,200          | 69          | D                 |
| 75-05-8   | Acetonitrile                                     | ND                          | 1.3                      | ND             | 0.77        |                   |
| 107-02-8  | Acrolein                                         | ND                          | 1.3                      | ND             | 0.57        |                   |
| 67-64-1   | Acetone                                          | 39                          | 6.8                      | 17             | 2.8         |                   |
| 75-69-4   | Trichlorofluoromethane (CFC 11)                  | 1.2                         | 0.68                     | 0.21           | 0.12        |                   |
| 67-63-0   | 2-Propanol (Isopropyl Alcohol)                   | 250                         | 1.3                      | 100            | 0.53        |                   |
| 107-13-1  | Acrylonitrile                                    | ND                          | 1.3                      | ND             | 0.60        |                   |
| 75-35-4   | 1,1-Dichloroethene                               | ND                          | 0.14                     | ND             | 0.036       |                   |
| 75-09-2   | Methylene Chloride                               | 1.1                         | 0.68                     | 0.33           | 0.19        |                   |
| 107-05-1  | 3-Chloro-1-propene (Allyl Chloride)              | ND                          | 0.69                     | ND             | 0.22        |                   |
| 76-13-1   | Trichlorotrifluoroethane (CFC 113)               | ND                          | 0.70                     | ND             | 0.092       |                   |
| 75-15-0   | Carbon Disulfide                                 | ND                          | 1.4                      | ND             | 0.46        |                   |
| 156-60-5  | trans-1,2-Dichloroethene                         | ND                          | 0.14                     | ND             | 0.036       |                   |
| 75-34-3   | 1,1-Dichloroethane                               | ND                          | 0.14                     | ND             | 0.035       |                   |
| 1634-04-4 | Methyl tert-Butyl Ether                          | ND                          | 0.69                     | ND             | 0.19        |                   |
| 108-05-4  | Vinyl Acetate                                    | ND                          | 6.5                      | ND             | 1.8         |                   |
| 78-93-3   | 2-Butanone (MEK)                                 | ND                          | 1.3                      | ND             | 0.44        |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

D = The reported result is from a dilution.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

Page 2 of 3

**Client:** LaBella Associates

**Client Sample ID:** KC-IAQ-001

**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559

ALS Sample ID: P2201559-001

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Analyst: Simon Cao

Sample Type: 6.0 L Summa Canister

Test Notes:

Container ID: AC02389

Date Collected: 4/4/22

Date Received: 4/6/22

Date Analyzed: 4/13 - 4/14/22

Volume(s) Analyzed: 1.00 Liter(s)

0.050 Liter(s)

Initial Pressure (psig): -0.14 Final Pressure (psig): 4.20

Canister Dilution Factor: 1.30

| CAS #      | Compound                  | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|------------|---------------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 156-59-2   | cis-1,2-Dichloroethene    | ND                          | 0.14                     | ND             | 0.036       |                   |
| 141-78-6   | Ethyl Acetate             | 8.1                         | 2.7                      | 2.3            | 0.76        |                   |
| 110-54-3   | n-Hexane                  | ND                          | 0.69                     | ND             | 0.20        |                   |
| 67-66-3    | Chloroform                | ND                          | 0.14                     | ND             | 0.029       |                   |
| 109-99-9   | Tetrahydrofuran (THF)     | ND                          | 1.3                      | ND             | 0.44        |                   |
| 107-06-2   | 1,2-Dichloroethane        | ND                          | 0.14                     | ND             | 0.035       |                   |
| 71-55-6    | 1,1,1-Trichloroethane     | ND                          | 0.14                     | ND             | 0.026       |                   |
| 71-43-2    | Benzene                   | 0.37                        | 0.14                     | 0.12           | 0.045       |                   |
| 56-23-5    | Carbon Tetrachloride      | 0.45                        | 0.14                     | 0.072          | 0.023       |                   |
| 110-82-7   | Cyclohexane               | ND                          | 1.4                      | ND             | 0.42        |                   |
| 78-87-5    | 1,2-Dichloropropane       | ND                          | 0.14                     | ND             | 0.031       |                   |
| 75-27-4    | Bromodichloromethane      | ND                          | 0.14                     | ND             | 0.021       |                   |
| 79-01-6    | Trichloroethene           | ND                          | 0.14                     | ND             | 0.027       |                   |
| 123-91-1   | 1,4-Dioxane               | ND                          | 0.68                     | ND             | 0.19        |                   |
| 80-62-6    | Methyl Methacrylate       | ND                          | 1.4                      | ND             | 0.35        |                   |
| 142-82-5   | n-Heptane                 | ND                          | 0.69                     | ND             | 0.17        |                   |
| 10061-01-5 | cis-1,3-Dichloropropene   | ND                          | 0.69                     | ND             | 0.15        |                   |
| 108-10-1   | 4-Methyl-2-pentanone      | ND                          | 1.4                      | ND             | 0.35        |                   |
| 10061-02-6 | trans-1,3-Dichloropropene | ND                          | 0.66                     | ND             | 0.15        |                   |
| 79-00-5    | 1,1,2-Trichloroethane     | ND                          | 0.14                     | ND             | 0.026       |                   |
| 108-88-3   | Toluene                   | 2.6                         | 0.68                     | 0.68           | 0.18        |                   |
| 591-78-6   | 2-Hexanone                | ND                          | 1.4                      | ND             | 0.35        |                   |
| 124-48-1   | Dibromochloromethane      | ND                          | 0.14                     | ND             | 0.017       |                   |
| 106-93-4   | 1,2-Dibromoethane         | ND                          | 0.14                     | ND             | 0.019       |                   |
| 123-86-4   | n-Butyl Acetate           | 1.6                         | 1.4                      | 0.33           | 0.30        |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** LaBella Associates

**Client Sample ID:** KC-IAQ-001

**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559

ALS Sample ID: P2201559-001

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Analyst: Simon Cao

Sample Type: 6.0 L Summa Canister

Test Notes:

Container ID: AC02389

Date Collected: 4/4/22

Date Received: 4/6/22

Date Analyzed: 4/13 - 4/14/22

Volume(s) Analyzed: 1.00 Liter(s)  
0.050 Liter(s)

Initial Pressure (psig): -0.14 Final Pressure (psig): 4.20

Canister Dilution Factor: 1.30

| CAS #       | Compound                    | Result<br>µg/m³ | MRL<br>µg/m³ | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-------------|-----------------------------|-----------------|--------------|----------------|-------------|-------------------|
| 111-65-9    | n-Octane                    | ND              | 0.69         | ND             | 0.15        |                   |
| 127-18-4    | Tetrachloroethene           | ND              | 0.14         | ND             | 0.021       |                   |
| 108-90-7    | Chlorobenzene               | ND              | 0.68         | ND             | 0.15        |                   |
| 100-41-4    | Ethylbenzene                | ND              | 0.68         | ND             | 0.16        |                   |
| 179601-23-1 | m,p-Xylenes                 | ND              | 1.4          | ND             | 0.33        |                   |
| 75-25-2     | Bromoform                   | ND              | 0.68         | ND             | 0.065       |                   |
| 100-42-5    | Styrene                     | ND              | 0.68         | ND             | 0.16        |                   |
| 95-47-6     | o-Xylene                    | ND              | 0.68         | ND             | 0.16        |                   |
| 111-84-2    | n-Nonane                    | ND              | 0.68         | ND             | 0.13        |                   |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND              | 0.14         | ND             | 0.021       |                   |
| 98-82-8     | Cumene                      | ND              | 0.68         | ND             | 0.14        |                   |
| 80-56-8     | alpha-Pinene                | 1.0             | 0.70         | 0.18           | 0.13        |                   |
| 103-65-1    | n-Propylbenzene             | ND              | 0.69         | ND             | 0.14        |                   |
| 622-96-8    | 4-Ethyltoluene              | ND              | 0.69         | ND             | 0.14        |                   |
| 108-67-8    | 1,3,5-Trimethylbenzene      | ND              | 0.68         | ND             | 0.14        |                   |
| 95-63-6     | 1,2,4-Trimethylbenzene      | ND              | 0.68         | ND             | 0.14        |                   |
| 100-44-7    | Benzyl Chloride             | ND              | 1.4          | ND             | 0.28        |                   |
| 541-73-1    | 1,3-Dichlorobenzene         | ND              | 0.68         | ND             | 0.11        |                   |
| 106-46-7    | 1,4-Dichlorobenzene         | ND              | 0.68         | ND             | 0.11        |                   |
| 95-50-1     | 1,2-Dichlorobenzene         | ND              | 0.69         | ND             | 0.11        |                   |
| 5989-27-5   | d-Limonene                  | 10              | 0.68         | 1.8            | 0.12        |                   |
| 96-12-8     | 1,2-Dibromo-3-chloropropane | ND              | 1.3          | ND             | 0.13        |                   |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND              | 1.3          | ND             | 0.18        |                   |
| 91-20-3     | Naphthalene                 | ND              | 0.68         | ND             | 0.13        |                   |
| 87-68-3     | Hexachlorobutadiene         | ND              | 0.68         | ND             | 0.063       |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

Page 1 of 3

**Client:** LaBella Associates

**Client Sample ID:** Method Blank

**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559

ALS Sample ID: P220413-MB

**Test Code:** EPA TO-15

**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

**Analyst:** Simon Cao

**Sample Type:** 6.0 L Summa Canister

**Test Notes:**

Date Collected: NA

Date Received: NA

Date Analyzed: 4/13/22

Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

| CAS #     | Compound                                         | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|--------------------------------------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 115-07-1  | Propene                                          | ND                          | 0.52                     | ND             | 0.30        |                   |
| 75-71-8   | Dichlorodifluoromethane (CFC 12)                 | ND                          | 0.53                     | ND             | 0.11        |                   |
| 74-87-3   | Chloromethane                                    | ND                          | 0.21                     | ND             | 0.10        |                   |
| 76-14-2   | 1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114) | ND                          | 0.54                     | ND             | 0.077       |                   |
| 75-01-4   | Vinyl Chloride                                   | ND                          | 0.11                     | ND             | 0.043       |                   |
| 106-99-0  | 1,3-Butadiene                                    | ND                          | 0.21                     | ND             | 0.095       |                   |
| 74-83-9   | Bromomethane                                     | ND                          | 0.21                     | ND             | 0.054       |                   |
| 75-00-3   | Chloroethane                                     | ND                          | 0.21                     | ND             | 0.080       |                   |
| 64-17-5   | Ethanol                                          | ND                          | 5.0                      | ND             | 2.7         |                   |
| 75-05-8   | Acetonitrile                                     | ND                          | 1.0                      | ND             | 0.60        |                   |
| 107-02-8  | Acrolein                                         | ND                          | 1.0                      | ND             | 0.44        |                   |
| 67-64-1   | Acetone                                          | ND                          | 5.2                      | ND             | 2.2         |                   |
| 75-69-4   | Trichlorofluoromethane (CFC 11)                  | ND                          | 0.52                     | ND             | 0.093       |                   |
| 67-63-0   | 2-Propanol (Isopropyl Alcohol)                   | ND                          | 1.0                      | ND             | 0.41        |                   |
| 107-13-1  | Acrylonitrile                                    | ND                          | 1.0                      | ND             | 0.46        |                   |
| 75-35-4   | 1,1-Dichloroethene                               | ND                          | 0.11                     | ND             | 0.028       |                   |
| 75-09-2   | Methylene Chloride                               | ND                          | 0.52                     | ND             | 0.15        |                   |
| 107-05-1  | 3-Chloro-1-propene (Allyl Chloride)              | ND                          | 0.53                     | ND             | 0.17        |                   |
| 76-13-1   | Trichlorotrifluoroethane (CFC 113)               | ND                          | 0.54                     | ND             | 0.070       |                   |
| 75-15-0   | Carbon Disulfide                                 | ND                          | 1.1                      | ND             | 0.35        |                   |
| 156-60-5  | trans-1,2-Dichloroethene                         | ND                          | 0.11                     | ND             | 0.028       |                   |
| 75-34-3   | 1,1-Dichloroethane                               | ND                          | 0.11                     | ND             | 0.027       |                   |
| 1634-04-4 | Methyl tert-Butyl Ether                          | ND                          | 0.53                     | ND             | 0.15        |                   |
| 108-05-4  | Vinyl Acetate                                    | ND                          | 5.0                      | ND             | 1.4         |                   |
| 78-93-3   | 2-Butanone (MEK)                                 | ND                          | 1.0                      | ND             | 0.34        |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** LaBella Associates  
**Client Sample ID:** Method Blank  
**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559  
 ALS Sample ID: P220413-MB

**Test Code:** EPA TO-15  
**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9  
**Analyst:** Simon Cao  
**Sample Type:** 6.0 L Summa Canister  
**Test Notes:**

**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 4/13/22  
**Volume(s) Analyzed:** 1.00 Liter(s)

Canister Dilution Factor: 1.00

| CAS #      | Compound                  | Result<br>µg/m³ | MRL<br>µg/m³ | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|------------|---------------------------|-----------------|--------------|----------------|-------------|-------------------|
| 156-59-2   | cis-1,2-Dichloroethene    | ND              | 0.11         | ND             | 0.028       |                   |
| 141-78-6   | Ethyl Acetate             | ND              | 2.1          | ND             | 0.58        |                   |
| 110-54-3   | n-Hexane                  | ND              | 0.53         | ND             | 0.15        |                   |
| 67-66-3    | Chloroform                | ND              | 0.11         | ND             | 0.023       |                   |
| 109-99-9   | Tetrahydrofuran (THF)     | ND              | 1.0          | ND             | 0.34        |                   |
| 107-06-2   | 1,2-Dichloroethane        | ND              | 0.11         | ND             | 0.027       |                   |
| 71-55-6    | 1,1,1-Trichloroethane     | ND              | 0.11         | ND             | 0.020       |                   |
| 71-43-2    | Benzene                   | ND              | 0.11         | ND             | 0.034       |                   |
| 56-23-5    | Carbon Tetrachloride      | ND              | 0.11         | ND             | 0.017       |                   |
| 110-82-7   | Cyclohexane               | ND              | 1.1          | ND             | 0.32        |                   |
| 78-87-5    | 1,2-Dichloropropane       | ND              | 0.11         | ND             | 0.024       |                   |
| 75-27-4    | Bromodichloromethane      | ND              | 0.11         | ND             | 0.016       |                   |
| 79-01-6    | Trichloroethene           | ND              | 0.11         | ND             | 0.020       |                   |
| 123-91-1   | 1,4-Dioxane               | ND              | 0.52         | ND             | 0.14        |                   |
| 80-62-6    | Methyl Methacrylate       | ND              | 1.1          | ND             | 0.27        |                   |
| 142-82-5   | n-Heptane                 | ND              | 0.53         | ND             | 0.13        |                   |
| 10061-01-5 | cis-1,3-Dichloropropene   | ND              | 0.53         | ND             | 0.12        |                   |
| 108-10-1   | 4-Methyl-2-pentanone      | ND              | 1.1          | ND             | 0.27        |                   |
| 10061-02-6 | trans-1,3-Dichloropropene | ND              | 0.51         | ND             | 0.11        |                   |
| 79-00-5    | 1,1,2-Trichloroethane     | ND              | 0.11         | ND             | 0.020       |                   |
| 108-88-3   | Toluene                   | ND              | 0.52         | ND             | 0.14        |                   |
| 591-78-6   | 2-Hexanone                | ND              | 1.1          | ND             | 0.27        |                   |
| 124-48-1   | Dibromochloromethane      | ND              | 0.11         | ND             | 0.013       |                   |
| 106-93-4   | 1,2-Dibromoethane         | ND              | 0.11         | ND             | 0.014       |                   |
| 123-86-4   | n-Butyl Acetate           | ND              | 1.1          | ND             | 0.23        |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** LaBella Associates  
**Client Sample ID:** Method Blank  
**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559  
 ALS Sample ID: P220413-MB

**Test Code:** EPA TO-15  
**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9  
**Analyst:** Simon Cao  
**Sample Type:** 6.0 L Summa Canister  
**Test Notes:**

**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 4/13/22  
**Volume(s) Analyzed:** 1.00 Liter(s)

Canister Dilution Factor: 1.00

| CAS #       | Compound                    | Result<br>µg/m³ | MRL<br>µg/m³ | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-------------|-----------------------------|-----------------|--------------|----------------|-------------|-------------------|
| 111-65-9    | n-Octane                    | ND              | 0.53         | ND             | 0.11        |                   |
| 127-18-4    | Tetrachloroethene           | ND              | 0.11         | ND             | 0.016       |                   |
| 108-90-7    | Chlorobenzene               | ND              | 0.52         | ND             | 0.11        |                   |
| 100-41-4    | Ethylbenzene                | ND              | 0.52         | ND             | 0.12        |                   |
| 179601-23-1 | m,p-Xylenes                 | ND              | 1.1          | ND             | 0.25        |                   |
| 75-25-2     | Bromoform                   | ND              | 0.52         | ND             | 0.050       |                   |
| 100-42-5    | Styrene                     | ND              | 0.52         | ND             | 0.12        |                   |
| 95-47-6     | o-Xylene                    | ND              | 0.52         | ND             | 0.12        |                   |
| 111-84-2    | n-Nonane                    | ND              | 0.52         | ND             | 0.099       |                   |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND              | 0.11         | ND             | 0.016       |                   |
| 98-82-8     | Cumene                      | ND              | 0.52         | ND             | 0.11        |                   |
| 80-56-8     | alpha-Pinene                | ND              | 0.54         | ND             | 0.097       |                   |
| 103-65-1    | n-Propylbenzene             | ND              | 0.53         | ND             | 0.11        |                   |
| 622-96-8    | 4-Ethyltoluene              | ND              | 0.53         | ND             | 0.11        |                   |
| 108-67-8    | 1,3,5-Trimethylbenzene      | ND              | 0.52         | ND             | 0.11        |                   |
| 95-63-6     | 1,2,4-Trimethylbenzene      | ND              | 0.52         | ND             | 0.11        |                   |
| 100-44-7    | Benzyl Chloride             | ND              | 1.1          | ND             | 0.21        |                   |
| 541-73-1    | 1,3-Dichlorobenzene         | ND              | 0.52         | ND             | 0.087       |                   |
| 106-46-7    | 1,4-Dichlorobenzene         | ND              | 0.52         | ND             | 0.087       |                   |
| 95-50-1     | 1,2-Dichlorobenzene         | ND              | 0.53         | ND             | 0.088       |                   |
| 5989-27-5   | d-Limonene                  | ND              | 0.52         | ND             | 0.093       |                   |
| 96-12-8     | 1,2-Dibromo-3-chloropropane | ND              | 1.0          | ND             | 0.10        |                   |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND              | 1.0          | ND             | 0.13        |                   |
| 91-20-3     | Naphthalene                 | ND              | 0.52         | ND             | 0.099       |                   |
| 87-68-3     | Hexachlorobutadiene         | ND              | 0.52         | ND             | 0.049       |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.



# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

Page 1 of 3

**Client:** LaBella Associates  
**Client Sample ID:** Method Blank  
**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559  
 ALS Sample ID: P220414-MB

**Test Code:** EPA TO-15  
**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9  
**Analyst:** Simon Cao  
**Sample Type:** 6.0 L Summa Canister  
**Test Notes:**

**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 4/14/22  
**Volume(s) Analyzed:** 1.00 Liter(s)

Canister Dilution Factor: 1.00

| CAS #     | Compound                                         | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|--------------------------------------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 115-07-1  | Propene                                          | ND                          | 0.52                     | ND             | 0.30        |                   |
| 75-71-8   | Dichlorodifluoromethane (CFC 12)                 | ND                          | 0.53                     | ND             | 0.11        |                   |
| 74-87-3   | Chloromethane                                    | ND                          | 0.21                     | ND             | 0.10        |                   |
| 76-14-2   | 1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114) | ND                          | 0.54                     | ND             | 0.077       |                   |
| 75-01-4   | Vinyl Chloride                                   | ND                          | 0.11                     | ND             | 0.043       |                   |
| 106-99-0  | 1,3-Butadiene                                    | ND                          | 0.21                     | ND             | 0.095       |                   |
| 74-83-9   | Bromomethane                                     | ND                          | 0.21                     | ND             | 0.054       |                   |
| 75-00-3   | Chloroethane                                     | ND                          | 0.21                     | ND             | 0.080       |                   |
| 64-17-5   | Ethanol                                          | ND                          | 5.0                      | ND             | 2.7         |                   |
| 75-05-8   | Acetonitrile                                     | ND                          | 1.0                      | ND             | 0.60        |                   |
| 107-02-8  | Acrolein                                         | ND                          | 1.0                      | ND             | 0.44        |                   |
| 67-64-1   | Acetone                                          | ND                          | 5.2                      | ND             | 2.2         |                   |
| 75-69-4   | Trichlorofluoromethane (CFC 11)                  | ND                          | 0.52                     | ND             | 0.093       |                   |
| 67-63-0   | 2-Propanol (Isopropyl Alcohol)                   | ND                          | 1.0                      | ND             | 0.41        |                   |
| 107-13-1  | Acrylonitrile                                    | ND                          | 1.0                      | ND             | 0.46        |                   |
| 75-35-4   | 1,1-Dichloroethene                               | ND                          | 0.11                     | ND             | 0.028       |                   |
| 75-09-2   | Methylene Chloride                               | ND                          | 0.52                     | ND             | 0.15        |                   |
| 107-05-1  | 3-Chloro-1-propene (Allyl Chloride)              | ND                          | 0.53                     | ND             | 0.17        |                   |
| 76-13-1   | Trichlorotrifluoroethane (CFC 113)               | ND                          | 0.54                     | ND             | 0.070       |                   |
| 75-15-0   | Carbon Disulfide                                 | ND                          | 1.1                      | ND             | 0.35        |                   |
| 156-60-5  | trans-1,2-Dichloroethene                         | ND                          | 0.11                     | ND             | 0.028       |                   |
| 75-34-3   | 1,1-Dichloroethane                               | ND                          | 0.11                     | ND             | 0.027       |                   |
| 1634-04-4 | Methyl tert-Butyl Ether                          | ND                          | 0.53                     | ND             | 0.15        |                   |
| 108-05-4  | Vinyl Acetate                                    | ND                          | 5.0                      | ND             | 1.4         |                   |
| 78-93-3   | 2-Butanone (MEK)                                 | ND                          | 1.0                      | ND             | 0.34        |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

Page 2 of 3

**Client:** LaBella Associates  
**Client Sample ID:** Method Blank  
**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559  
 ALS Sample ID: P220414-MB

**Test Code:** EPA TO-15  
**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9  
**Analyst:** Simon Cao  
**Sample Type:** 6.0 L Summa Canister  
**Test Notes:**

**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 4/14/22  
**Volume(s) Analyzed:** 1.00 Liter(s)

Canister Dilution Factor: 1.00

| CAS #      | Compound                  | Result<br>µg/m³ | MRL<br>µg/m³ | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|------------|---------------------------|-----------------|--------------|----------------|-------------|-------------------|
| 156-59-2   | cis-1,2-Dichloroethene    | ND              | 0.11         | ND             | 0.028       |                   |
| 141-78-6   | Ethyl Acetate             | ND              | 2.1          | ND             | 0.58        |                   |
| 110-54-3   | n-Hexane                  | ND              | 0.53         | ND             | 0.15        |                   |
| 67-66-3    | Chloroform                | ND              | 0.11         | ND             | 0.023       |                   |
| 109-99-9   | Tetrahydrofuran (THF)     | ND              | 1.0          | ND             | 0.34        |                   |
| 107-06-2   | 1,2-Dichloroethane        | ND              | 0.11         | ND             | 0.027       |                   |
| 71-55-6    | 1,1,1-Trichloroethane     | ND              | 0.11         | ND             | 0.020       |                   |
| 71-43-2    | Benzene                   | ND              | 0.11         | ND             | 0.034       |                   |
| 56-23-5    | Carbon Tetrachloride      | ND              | 0.11         | ND             | 0.017       |                   |
| 110-82-7   | Cyclohexane               | ND              | 1.1          | ND             | 0.32        |                   |
| 78-87-5    | 1,2-Dichloropropane       | ND              | 0.11         | ND             | 0.024       |                   |
| 75-27-4    | Bromodichloromethane      | ND              | 0.11         | ND             | 0.016       |                   |
| 79-01-6    | Trichloroethene           | ND              | 0.11         | ND             | 0.020       |                   |
| 123-91-1   | 1,4-Dioxane               | ND              | 0.52         | ND             | 0.14        |                   |
| 80-62-6    | Methyl Methacrylate       | ND              | 1.1          | ND             | 0.27        |                   |
| 142-82-5   | n-Heptane                 | ND              | 0.53         | ND             | 0.13        |                   |
| 10061-01-5 | cis-1,3-Dichloropropene   | ND              | 0.53         | ND             | 0.12        |                   |
| 108-10-1   | 4-Methyl-2-pentanone      | ND              | 1.1          | ND             | 0.27        |                   |
| 10061-02-6 | trans-1,3-Dichloropropene | ND              | 0.51         | ND             | 0.11        |                   |
| 79-00-5    | 1,1,2-Trichloroethane     | ND              | 0.11         | ND             | 0.020       |                   |
| 108-88-3   | Toluene                   | ND              | 0.52         | ND             | 0.14        |                   |
| 591-78-6   | 2-Hexanone                | ND              | 1.1          | ND             | 0.27        |                   |
| 124-48-1   | Dibromochloromethane      | ND              | 0.11         | ND             | 0.013       |                   |
| 106-93-4   | 1,2-Dibromoethane         | ND              | 0.11         | ND             | 0.014       |                   |
| 123-86-4   | n-Butyl Acetate           | ND              | 1.1          | ND             | 0.23        |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

Page 3 of 3

**Client:** LaBella Associates  
**Client Sample ID:** Method Blank  
**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559  
 ALS Sample ID: P220414-MB

**Test Code:** EPA TO-15  
**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9  
**Analyst:** Simon Cao  
**Sample Type:** 6.0 L Summa Canister  
**Test Notes:**

**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 4/14/22  
**Volume(s) Analyzed:** 1.00 Liter(s)

Canister Dilution Factor: 1.00

| CAS #       | Compound                    | Result<br>µg/m³ | MRL<br>µg/m³ | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-------------|-----------------------------|-----------------|--------------|----------------|-------------|-------------------|
| 111-65-9    | n-Octane                    | ND              | 0.53         | ND             | 0.11        |                   |
| 127-18-4    | Tetrachloroethene           | ND              | 0.11         | ND             | 0.016       |                   |
| 108-90-7    | Chlorobenzene               | ND              | 0.52         | ND             | 0.11        |                   |
| 100-41-4    | Ethylbenzene                | ND              | 0.52         | ND             | 0.12        |                   |
| 179601-23-1 | m,p-Xylenes                 | ND              | 1.1          | ND             | 0.25        |                   |
| 75-25-2     | Bromoform                   | ND              | 0.52         | ND             | 0.050       |                   |
| 100-42-5    | Styrene                     | ND              | 0.52         | ND             | 0.12        |                   |
| 95-47-6     | o-Xylene                    | ND              | 0.52         | ND             | 0.12        |                   |
| 111-84-2    | n-Nonane                    | ND              | 0.52         | ND             | 0.099       |                   |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND              | 0.11         | ND             | 0.016       |                   |
| 98-82-8     | Cumene                      | ND              | 0.52         | ND             | 0.11        |                   |
| 80-56-8     | alpha-Pinene                | ND              | 0.54         | ND             | 0.097       |                   |
| 103-65-1    | n-Propylbenzene             | ND              | 0.53         | ND             | 0.11        |                   |
| 622-96-8    | 4-Ethyltoluene              | ND              | 0.53         | ND             | 0.11        |                   |
| 108-67-8    | 1,3,5-Trimethylbenzene      | ND              | 0.52         | ND             | 0.11        |                   |
| 95-63-6     | 1,2,4-Trimethylbenzene      | ND              | 0.52         | ND             | 0.11        |                   |
| 100-44-7    | Benzyl Chloride             | ND              | 1.1          | ND             | 0.21        |                   |
| 541-73-1    | 1,3-Dichlorobenzene         | ND              | 0.52         | ND             | 0.087       |                   |
| 106-46-7    | 1,4-Dichlorobenzene         | ND              | 0.52         | ND             | 0.087       |                   |
| 95-50-1     | 1,2-Dichlorobenzene         | ND              | 0.53         | ND             | 0.088       |                   |
| 5989-27-5   | d-Limonene                  | ND              | 0.52         | ND             | 0.093       |                   |
| 96-12-8     | 1,2-Dibromo-3-chloropropane | ND              | 1.0          | ND             | 0.10        |                   |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND              | 1.0          | ND             | 0.13        |                   |
| 91-20-3     | Naphthalene                 | ND              | 0.52         | ND             | 0.099       |                   |
| 87-68-3     | Hexachlorobutadiene         | ND              | 0.52         | ND             | 0.049       |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## SURROGATE SPIKE RECOVERY RESULTS

Page 1 of 1

**Client:** LaBella Associates  
**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559

**Test Code:** EPA TO-15  
**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9  
**Analyst:** Simon Cao  
**Sample Type:** 6.0 L Summa Canister(s)  
**Test Notes:**

**Date(s) Collected:** 4/4/22  
**Date(s) Received:** 4/6/22  
**Date(s) Analyzed:** 4/13 - 4/14/22

| Client Sample ID             | ALS Sample ID   | 1,2-Dichloroethane-d4 | Toluene-d8        | Bromofluorobenzene | Acceptance Limits | Data Qualifier |
|------------------------------|-----------------|-----------------------|-------------------|--------------------|-------------------|----------------|
|                              |                 | Percent Recovered     | Percent Recovered | Percent Recovered  |                   |                |
| Method Blank                 | P220413-MB      | 104                   | 97                | 91                 | 70-130            |                |
| Method Blank                 | P220414-MB      | 104                   | 100               | 80                 | 70-130            |                |
| Lab Control Sample           | P220413-LCS     | 101                   | 92                | 93                 | 70-130            |                |
| Lab Control Sample           | P220414-LCS     | 103                   | 95                | 83                 | 70-130            |                |
| Duplicate Lab Control Sample | P220413-DLCS    | 102                   | 93                | 95                 | 70-130            |                |
| Duplicate Lab Control Sample | P220414-DLCS    | 102                   | 102               | 85                 | 70-130            |                |
| KC-IAQ-001                   | P2201559-001    | 106                   | 100               | 81                 | 70-130            |                |
| KC-IAQ-001                   | P2201559-001DUP | 104                   | 99                | 82                 | 70-130            |                |

Surrogate percent recovery is verified and accepted based on the on-column result.

Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

# ALS ENVIRONMENTAL

## LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 3

**Client:** LaBella Associates  
**Client Sample ID:** Duplicate Lab Control Sample  
**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559  
 ALS Sample ID: P220413-DLCS

**Test Code:** EPA TO-15  
**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9  
**Analyst:** Simon Cao  
**Sample Type:** 6.0 L Summa Canister  
**Test Notes:**

**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 4/13/22  
**Volume(s) Analyzed:** 0.125 Liter(s)

| CAS #     | Compound                                         | Spike Amount        | Result       |               | % Recovery |      | ALS                  | RPD | RPD | Data |
|-----------|--------------------------------------------------|---------------------|--------------|---------------|------------|------|----------------------|-----|-----|------|
|           |                                                  | LCS / DLCS<br>µg/m³ | LCS<br>µg/m³ | DLCS<br>µg/m³ | LCS        | DLCS | Acceptance<br>Limits |     |     |      |
| 115-07-1  | Propene                                          | 206                 | 225          | 223           | 109        | 108  | 56-128               | 0.9 | 25  |      |
| 75-71-8   | Dichlorodifluoromethane (CFC 12)                 | 208                 | 215          | 222           | 103        | 107  | 71-112               | 4   | 25  |      |
| 74-87-3   | Chloromethane                                    | 206                 | 238          | 242           | 116        | 117  | 53-126               | 0.9 | 25  |      |
| 76-14-2   | 1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114) | 208                 | 221          | 227           | 106        | 109  | 62-121               | 3   | 25  |      |
| 75-01-4   | Vinyl Chloride                                   | 208                 | 237          | 241           | 114        | 116  | 63-123               | 2   | 25  |      |
| 106-99-0  | 1,3-Butadiene                                    | 206                 | 251          | 252           | 122        | 122  | 63-135               | 0   | 25  |      |
| 74-83-9   | Bromomethane                                     | 206                 | 233          | 237           | 113        | 115  | 71-112               | 2   | 25  | L    |
| 75-00-3   | Chloroethane                                     | 206                 | 225          | 229           | 109        | 111  | 66-117               | 2   | 25  |      |
| 64-17-5   | Ethanol                                          | 832                 | 924          | 925           | 111        | 111  | 57-117               | 0   | 25  |      |
| 75-05-8   | Acetonitrile                                     | 202                 | 203          | 204           | 100        | 101  | 59-131               | 1   | 25  |      |
| 107-02-8  | Acrolein                                         | 416                 | 456          | 455           | 110        | 109  | 71-123               | 0.9 | 25  |      |
| 67-64-1   | Acetone                                          | 1,020               | 1110         | 1100          | 109        | 108  | 60-117               | 0.9 | 25  |      |
| 75-69-4   | Trichlorofluoromethane (CFC 11)                  | 202                 | 210          | 213           | 104        | 105  | 71-114               | 1   | 25  |      |
| 67-63-0   | 2-Propanol (Isopropyl Alcohol)                   | 400                 | 476          | 478           | 119        | 120  | 61-124               | 0.8 | 25  |      |
| 107-13-1  | Acrylonitrile                                    | 402                 | 453          | 450           | 113        | 112  | 65-130               | 0.9 | 25  |      |
| 75-35-4   | 1,1-Dichloroethene                               | 210                 | 233          | 231           | 111        | 110  | 74-114               | 0.9 | 25  |      |
| 75-09-2   | Methylene Chloride                               | 208                 | 224          | 224           | 108        | 108  | 75-112               | 0   | 25  |      |
| 107-05-1  | 3-Chloro-1-propene (Allyl Chloride)              | 204                 | 221          | 217           | 108        | 106  | 57-127               | 2   | 25  |      |
| 76-13-1   | Trichlorotrifluoroethane (CFC 113)               | 216                 | 219          | 218           | 101        | 101  | 73-114               | 0   | 25  |      |
| 75-15-0   | Carbon Disulfide                                 | 414                 | 485          | 480           | 117        | 116  | 70-113               | 0.9 | 25  | L    |
| 156-60-5  | trans-1,2-Dichloroethene                         | 208                 | 238          | 239           | 114        | 115  | 76-119               | 0.9 | 25  |      |
| 75-34-3   | 1,1-Dichloroethane                               | 214                 | 232          | 233           | 108        | 109  | 70-114               | 0.9 | 25  |      |
| 1634-04-4 | Methyl tert-Butyl Ether                          | 206                 | 214          | 218           | 104        | 106  | 72-118               | 2   | 25  |      |
| 108-05-4  | Vinyl Acetate                                    | 942                 | 1360         | 1360          | 144        | 144  | 56-137               | 0   | 25  | L    |
| 78-93-3   | 2-Butanone (MEK)                                 | 408                 | 477          | 470           | 117        | 115  | 74-121               | 2   | 25  |      |

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.  
 Reported results are shown in concentration units and as a result of the calculation, may vary slightly.  
 L = Laboratory control sample recovery outside the specified limits, results may be biased high.

# ALS ENVIRONMENTAL

## LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Page 2 of 3

**Client:** LaBella Associates  
**Client Sample ID:** Duplicate Lab Control Sample  
**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559  
 ALS Sample ID: P220413-DLCS

**Test Code:** EPA TO-15  
**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9  
**Analyst:** Simon Cao  
**Sample Type:** 6.0 L Summa Canister  
**Test Notes:**

**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 4/13/22  
**Volume(s) Analyzed:** 0.125 Liter(s)

| CAS #      | Compound                  | Spike Amount        | Result       |               | % Recovery |      | ALS                  | RPD | RPD | Data |
|------------|---------------------------|---------------------|--------------|---------------|------------|------|----------------------|-----|-----|------|
|            |                           | LCS / DLCS<br>µg/m³ | LCS<br>µg/m³ | DLCS<br>µg/m³ | LCS        | DLCS | Acceptance<br>Limits |     |     |      |
| 156-59-2   | cis-1,2-Dichloroethene    | 206                 | 229          | 229           | 111        | 111  | 73-117               | 0   | 25  |      |
| 141-78-6   | Ethyl Acetate             | 580                 | 700          | 686           | 121        | 118  | 59-161               | 3   | 25  |      |
| 110-54-3   | n-Hexane                  | 208                 | 252          | 247           | 121        | 119  | 55-130               | 2   | 25  |      |
| 67-66-3    | Chloroform                | 210                 | 230          | 230           | 110        | 110  | 71-114               | 0   | 25  |      |
| 109-99-9   | Tetrahydrofuran (THF)     | 404                 | 464          | 460           | 115        | 114  | 73-114               | 0.9 | 25  | L    |
| 107-06-2   | 1,2-Dichloroethane        | 210                 | 230          | 229           | 110        | 109  | 71-119               | 0.9 | 25  |      |
| 71-55-6    | 1,1,1-Trichloroethane     | 208                 | 228          | 229           | 110        | 110  | 73-119               | 0   | 25  |      |
| 71-43-2    | Benzene                   | 208                 | 228          | 227           | 110        | 109  | 72-113               | 0.9 | 25  |      |
| 56-23-5    | Carbon Tetrachloride      | 202                 | 222          | 224           | 110        | 111  | 67-123               | 0.9 | 25  |      |
| 110-82-7   | Cyclohexane               | 412                 | 464          | 461           | 113        | 112  | 70-119               | 0.9 | 25  |      |
| 78-87-5    | 1,2-Dichloropropane       | 206                 | 229          | 229           | 111        | 111  | 70-118               | 0   | 25  |      |
| 75-27-4    | Bromodichloromethane      | 208                 | 241          | 242           | 116        | 116  | 74-119               | 0   | 25  |      |
| 79-01-6    | Trichloroethene           | 204                 | 219          | 218           | 107        | 107  | 74-115               | 0   | 25  |      |
| 123-91-1   | 1,4-Dioxane               | 206                 | 241          | 240           | 117        | 117  | 77-124               | 0   | 25  |      |
| 80-62-6    | Methyl Methacrylate       | 410                 | 489          | 484           | 119        | 118  | 78-126               | 0.8 | 25  |      |
| 142-82-5   | n-Heptane                 | 206                 | 234          | 232           | 114        | 113  | 70-119               | 0.9 | 25  |      |
| 10061-01-5 | cis-1,3-Dichloropropene   | 208                 | 250          | 250           | 120        | 120  | 81-126               | 0   | 25  |      |
| 108-10-1   | 4-Methyl-2-pentanone      | 412                 | 500          | 494           | 121        | 120  | 73-129               | 0.8 | 25  |      |
| 10061-02-6 | trans-1,3-Dichloropropene | 200                 | 238          | 239           | 119        | 120  | 80-127               | 0.8 | 25  |      |
| 79-00-5    | 1,1,2-Trichloroethane     | 208                 | 226          | 225           | 109        | 108  | 78-117               | 0.9 | 25  |      |
| 108-88-3   | Toluene                   | 206                 | 196          | 197           | 95         | 96   | 70-118               | 1   | 25  |      |
| 591-78-6   | 2-Hexanone                | 406                 | 435          | 433           | 107        | 107  | 74-132               | 0   | 25  |      |
| 124-48-1   | Dibromochloromethane      | 210                 | 209          | 212           | 100        | 101  | 69-137               | 1   | 25  |      |
| 106-93-4   | 1,2-Dibromoethane         | 208                 | 200          | 201           | 96         | 97   | 76-128               | 1   | 25  |      |
| 123-86-4   | n-Butyl Acetate           | 406                 | 452          | 449           | 111        | 111  | 75-134               | 0   | 25  |      |

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.  
 Reported results are shown in concentration units and as a result of the calculation, may vary slightly.  
 L = Laboratory control sample recovery outside the specified limits, results may be biased high.

# ALS ENVIRONMENTAL

## LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Page 3 of 3

**Client:** LaBella Associates  
**Client Sample ID:** Duplicate Lab Control Sample  
**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559  
 ALS Sample ID: P220413-DLCS

**Test Code:** EPA TO-15  
**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9  
**Analyst:** Simon Cao  
**Sample Type:** 6.0 L Summa Canister  
**Test Notes:**

**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 4/13/22  
**Volume(s) Analyzed:** 0.125 Liter(s)

| CAS #       | Compound                    | Spike Amount        | Result       |               | % Recovery |      | ALS                  | RPD | RPD | Data |
|-------------|-----------------------------|---------------------|--------------|---------------|------------|------|----------------------|-----|-----|------|
|             |                             | LCS / DLCS<br>µg/m³ | LCS<br>µg/m³ | DLCS<br>µg/m³ | LCS        | DLCS | Acceptance<br>Limits |     |     |      |
| 111-65-9    | n-Octane                    | 208                 | 205          | 205           | 99         | 99   | 68-120               | 0   | 25  |      |
| 127-18-4    | Tetrachloroethene           | 212                 | 191          | 196           | 90         | 92   | 63-130               | 2   | 25  |      |
| 108-90-7    | Chlorobenzene               | 206                 | 193          | 194           | 94         | 94   | 70-118               | 0   | 25  |      |
| 100-41-4    | Ethylbenzene                | 206                 | 205          | 205           | 100        | 100  | 71-123               | 0   | 25  |      |
| 179601-23-1 | m,p-Xylenes                 | 416                 | 414          | 417           | 100        | 100  | 67-127               | 0   | 25  |      |
| 75-25-2     | Bromoform                   | 210                 | 210          | 214           | 100        | 102  | 65-149               | 2   | 25  |      |
| 100-42-5    | Styrene                     | 202                 | 204          | 205           | 101        | 101  | 76-132               | 0   | 25  |      |
| 95-47-6     | o-Xylene                    | 208                 | 208          | 209           | 100        | 100  | 69-124               | 0   | 25  |      |
| 111-84-2    | n-Nonane                    | 208                 | 213          | 212           | 102        | 102  | 64-127               | 0   | 25  |      |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | 208                 | 211          | 212           | 101        | 102  | 69-128               | 1   | 25  |      |
| 98-82-8     | Cumene                      | 206                 | 203          | 204           | 99         | 99   | 69-125               | 0   | 25  |      |
| 80-56-8     | alpha-Pinene                | 210                 | 223          | 224           | 106        | 107  | 68-129               | 0.9 | 25  |      |
| 103-65-1    | n-Propylbenzene             | 208                 | 208          | 209           | 100        | 100  | 70-127               | 0   | 25  |      |
| 622-96-8    | 4-Ethyltoluene              | 208                 | 211          | 211           | 101        | 101  | 69-127               | 0   | 25  |      |
| 108-67-8    | 1,3,5-Trimethylbenzene      | 208                 | 213          | 214           | 102        | 103  | 66-129               | 1   | 25  |      |
| 95-63-6     | 1,2,4-Trimethylbenzene      | 206                 | 226          | 227           | 110        | 110  | 63-142               | 0   | 25  |      |
| 100-44-7    | Benzyl Chloride             | 416                 | 437          | 443           | 105        | 106  | 73-145               | 0.9 | 25  |      |
| 541-73-1    | 1,3-Dichlorobenzene         | 208                 | 196          | 196           | 94         | 94   | 67-136               | 0   | 25  |      |
| 106-46-7    | 1,4-Dichlorobenzene         | 210                 | 186          | 187           | 89         | 89   | 63-134               | 0   | 25  |      |
| 95-50-1     | 1,2-Dichlorobenzene         | 210                 | 202          | 201           | 96         | 96   | 64-139               | 0   | 25  |      |
| 5989-27-5   | d-Limonene                  | 206                 | 243          | 243           | 118        | 118  | 63-137               | 0   | 25  |      |
| 96-12-8     | 1,2-Dibromo-3-chloropropane | 404                 | 403          | 409           | 100        | 101  | 72-145               | 1   | 25  |      |
| 120-82-1    | 1,2,4-Trichlorobenzene      | 420                 | 336          | 342           | 80         | 81   | 62-154               | 1   | 25  |      |
| 91-20-3     | Naphthalene                 | 210                 | 153          | 158           | 73         | 75   | 62-156               | 3   | 25  |      |
| 87-68-3     | Hexachlorobutadiene         | 212                 | 182          | 184           | 86         | 87   | 55-142               | 1   | 25  |      |

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.  
 Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

# ALS ENVIRONMENTAL

## LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 3

**Client:** LaBella Associates  
**Client Sample ID:** Duplicate Lab Control Sample  
**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559  
 ALS Sample ID: P220414-DLCS

**Test Code:** EPA TO-15  
**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9  
**Analyst:** Simon Cao  
**Sample Type:** 6.0 L Summa Canister  
**Test Notes:**

**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 4/14/22  
**Volume(s) Analyzed:** 0.125 Liter(s)

| CAS #     | Compound                                         | Spike Amount        | Result       |               | % Recovery |      | ALS                  | RPD | RPD | Data |
|-----------|--------------------------------------------------|---------------------|--------------|---------------|------------|------|----------------------|-----|-----|------|
|           |                                                  | LCS / DLCS<br>µg/m³ | LCS<br>µg/m³ | DLCS<br>µg/m³ | LCS        | DLCS | Acceptance<br>Limits |     |     |      |
| 115-07-1  | Propene                                          | 206                 | 210          | 209           | 102        | 101  | 56-128               | 1   | 25  |      |
| 75-71-8   | Dichlorodifluoromethane (CFC 12)                 | 208                 | 199          | 204           | 96         | 98   | 71-112               | 2   | 25  |      |
| 74-87-3   | Chloromethane                                    | 206                 | 227          | 230           | 110        | 112  | 53-126               | 2   | 25  |      |
| 76-14-2   | 1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114) | 208                 | 200          | 205           | 96         | 99   | 62-121               | 3   | 25  |      |
| 75-01-4   | Vinyl Chloride                                   | 208                 | 222          | 223           | 107        | 107  | 63-123               | 0   | 25  |      |
| 106-99-0  | 1,3-Butadiene                                    | 206                 | 232          | 231           | 113        | 112  | 63-135               | 0.9 | 25  |      |
| 74-83-9   | Bromomethane                                     | 206                 | 215          | 218           | 104        | 106  | 71-112               | 2   | 25  |      |
| 75-00-3   | Chloroethane                                     | 206                 | 209          | 212           | 101        | 103  | 66-117               | 2   | 25  |      |
| 64-17-5   | Ethanol                                          | 832                 | 876          | 865           | 105        | 104  | 57-117               | 1   | 25  |      |
| 75-05-8   | Acetonitrile                                     | 202                 | 193          | 191           | 96         | 95   | 59-131               | 1   | 25  |      |
| 107-02-8  | Acrolein                                         | 416                 | 443          | 437           | 106        | 105  | 71-123               | 0.9 | 25  |      |
| 67-64-1   | Acetone                                          | 1,020               | 1040         | 1020          | 102        | 100  | 60-117               | 2   | 25  |      |
| 75-69-4   | Trichlorofluoromethane (CFC 11)                  | 202                 | 194          | 197           | 96         | 98   | 71-114               | 2   | 25  |      |
| 67-63-0   | 2-Propanol (Isopropyl Alcohol)                   | 400                 | 448          | 446           | 112        | 112  | 61-124               | 0   | 25  |      |
| 107-13-1  | Acrylonitrile                                    | 402                 | 429          | 421           | 107        | 105  | 65-130               | 2   | 25  |      |
| 75-35-4   | 1,1-Dichloroethene                               | 210                 | 214          | 214           | 102        | 102  | 74-114               | 0   | 25  |      |
| 75-09-2   | Methylene Chloride                               | 208                 | 210          | 207           | 101        | 100  | 75-112               | 1   | 25  |      |
| 107-05-1  | 3-Chloro-1-propene (Allyl Chloride)              | 204                 | 208          | 204           | 102        | 100  | 57-127               | 2   | 25  |      |
| 76-13-1   | Trichlorotrifluoroethane (CFC 113)               | 216                 | 199          | 199           | 92         | 92   | 73-114               | 0   | 25  |      |
| 75-15-0   | Carbon Disulfide                                 | 414                 | 447          | 449           | 108        | 108  | 70-113               | 0   | 25  |      |
| 156-60-5  | trans-1,2-Dichloroethene                         | 208                 | 224          | 223           | 108        | 107  | 76-119               | 0.9 | 25  |      |
| 75-34-3   | 1,1-Dichloroethane                               | 214                 | 218          | 216           | 102        | 101  | 70-114               | 1   | 25  |      |
| 1634-04-4 | Methyl tert-Butyl Ether                          | 206                 | 216          | 206           | 105        | 100  | 72-118               | 5   | 25  |      |
| 108-05-4  | Vinyl Acetate                                    | 942                 | 1260         | 1260          | 134        | 134  | 56-137               | 0   | 25  |      |
| 78-93-3   | 2-Butanone (MEK)                                 | 408                 | 442          | 437           | 108        | 107  | 74-121               | 0.9 | 25  |      |

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.  
 Reported results are shown in concentration units and as a result of the calculation, may vary slightly.



# ALS ENVIRONMENTAL

## LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Page 2 of 3

**Client:** LaBella Associates  
**Client Sample ID:** Duplicate Lab Control Sample  
**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559  
 ALS Sample ID: P220414-DLCS

**Test Code:** EPA TO-15  
**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9  
**Analyst:** Simon Cao  
**Sample Type:** 6.0 L Summa Canister  
**Test Notes:**

**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 4/14/22  
**Volume(s) Analyzed:** 0.125 Liter(s)

| CAS #      | Compound                  | Spike Amount        | Result       |               | % Recovery |      | ALS                  | RPD | RPD | Data |
|------------|---------------------------|---------------------|--------------|---------------|------------|------|----------------------|-----|-----|------|
|            |                           | LCS / DLCS<br>µg/m³ | LCS<br>µg/m³ | DLCS<br>µg/m³ | LCS        | DLCS | Acceptance<br>Limits |     |     |      |
| 156-59-2   | cis-1,2-Dichloroethene    | 206                 | 216          | 214           | 105        | 104  | 73-117               | 1   | 25  |      |
| 141-78-6   | Ethyl Acetate             | 580                 | 666          | 650           | 115        | 112  | 59-161               | 3   | 25  |      |
| 110-54-3   | n-Hexane                  | 208                 | 238          | 233           | 114        | 112  | 55-130               | 2   | 25  |      |
| 67-66-3    | Chloroform                | 210                 | 215          | 212           | 102        | 101  | 71-114               | 1   | 25  |      |
| 109-99-9   | Tetrahydrofuran (THF)     | 404                 | 431          | 425           | 107        | 105  | 73-114               | 2   | 25  |      |
| 107-06-2   | 1,2-Dichloroethane        | 210                 | 215          | 215           | 102        | 102  | 71-119               | 0   | 25  |      |
| 71-55-6    | 1,1,1-Trichloroethane     | 208                 | 207          | 210           | 100        | 101  | 73-119               | 1   | 25  |      |
| 71-43-2    | Benzene                   | 208                 | 208          | 209           | 100        | 100  | 72-113               | 0   | 25  |      |
| 56-23-5    | Carbon Tetrachloride      | 202                 | 203          | 206           | 100        | 102  | 67-123               | 2   | 25  |      |
| 110-82-7   | Cyclohexane               | 412                 | 425          | 427           | 103        | 104  | 70-119               | 1   | 25  |      |
| 78-87-5    | 1,2-Dichloropropane       | 206                 | 212          | 220           | 103        | 107  | 70-118               | 4   | 25  |      |
| 75-27-4    | Bromodichloromethane      | 208                 | 221          | 239           | 106        | 115  | 74-119               | 8   | 25  |      |
| 79-01-6    | Trichloroethene           | 204                 | 199          | 216           | 98         | 106  | 74-115               | 8   | 25  |      |
| 123-91-1   | 1,4-Dioxane               | 206                 | 217          | 234           | 105        | 114  | 77-124               | 8   | 25  |      |
| 80-62-6    | Methyl Methacrylate       | 410                 | 441          | 479           | 108        | 117  | 78-126               | 8   | 25  |      |
| 142-82-5   | n-Heptane                 | 206                 | 215          | 230           | 104        | 112  | 70-119               | 7   | 25  |      |
| 10061-01-5 | cis-1,3-Dichloropropene   | 208                 | 232          | 248           | 112        | 119  | 81-126               | 6   | 25  |      |
| 108-10-1   | 4-Methyl-2-pentanone      | 412                 | 454          | 476           | 110        | 116  | 73-129               | 5   | 25  |      |
| 10061-02-6 | trans-1,3-Dichloropropene | 200                 | 225          | 242           | 113        | 121  | 80-127               | 7   | 25  |      |
| 79-00-5    | 1,1,2-Trichloroethane     | 208                 | 207          | 220           | 100        | 106  | 78-117               | 6   | 25  |      |
| 108-88-3   | Toluene                   | 206                 | 191          | 206           | 93         | 100  | 70-118               | 7   | 25  |      |
| 591-78-6   | 2-Hexanone                | 406                 | 432          | 455           | 106        | 112  | 74-132               | 6   | 25  |      |
| 124-48-1   | Dibromochloromethane      | 210                 | 202          | 221           | 96         | 105  | 69-137               | 9   | 25  |      |
| 106-93-4   | 1,2-Dibromoethane         | 208                 | 198          | 202           | 95         | 97   | 76-128               | 2   | 25  |      |
| 123-86-4   | n-Butyl Acetate           | 406                 | 444          | 446           | 109        | 110  | 75-134               | 0.9 | 25  |      |

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.  
 Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

# ALS ENVIRONMENTAL

## LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Page 3 of 3

**Client:** LaBella Associates  
**Client Sample ID:** Duplicate Lab Control Sample  
**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559  
 ALS Sample ID: P220414-DLCS

**Test Code:** EPA TO-15  
**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9  
**Analyst:** Simon Cao  
**Sample Type:** 6.0 L Summa Canister  
**Test Notes:**

**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 4/14/22  
**Volume(s) Analyzed:** 0.125 Liter(s)

| CAS #       | Compound                    | Spike Amount        | Result       |               | % Recovery |      | ALS                  | RPD | RPD | Data |
|-------------|-----------------------------|---------------------|--------------|---------------|------------|------|----------------------|-----|-----|------|
|             |                             | LCS / DLCS<br>µg/m³ | LCS<br>µg/m³ | DLCS<br>µg/m³ | LCS        | DLCS | Acceptance<br>Limits |     |     |      |
| 111-65-9    | n-Octane                    | 208                 | 202          | 203           | 97         | 98   | 68-120               | 1   | 25  |      |
| 127-18-4    | Tetrachloroethene           | 212                 | 184          | 187           | 87         | 88   | 63-130               | 1   | 25  |      |
| 108-90-7    | Chlorobenzene               | 206                 | 189          | 193           | 92         | 94   | 70-118               | 2   | 25  |      |
| 100-41-4    | Ethylbenzene                | 206                 | 200          | 204           | 97         | 99   | 71-123               | 2   | 25  |      |
| 179601-23-1 | m,p-Xylenes                 | 416                 | 407          | 413           | 98         | 99   | 67-127               | 1   | 25  |      |
| 75-25-2     | Bromoform                   | 210                 | 203          | 208           | 97         | 99   | 65-149               | 2   | 25  |      |
| 100-42-5    | Styrene                     | 202                 | 199          | 201           | 99         | 100  | 76-132               | 1   | 25  |      |
| 95-47-6     | o-Xylene                    | 208                 | 203          | 206           | 98         | 99   | 69-124               | 1   | 25  |      |
| 111-84-2    | n-Nonane                    | 208                 | 210          | 209           | 101        | 100  | 64-127               | 1   | 25  |      |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | 208                 | 206          | 209           | 99         | 100  | 69-128               | 1   | 25  |      |
| 98-82-8     | Cumene                      | 206                 | 197          | 200           | 96         | 97   | 69-125               | 1   | 25  |      |
| 80-56-8     | alpha-Pinene                | 210                 | 209          | 212           | 100        | 101  | 68-129               | 1   | 25  |      |
| 103-65-1    | n-Propylbenzene             | 208                 | 204          | 206           | 98         | 99   | 70-127               | 1   | 25  |      |
| 622-96-8    | 4-Ethyltoluene              | 208                 | 206          | 207           | 99         | 100  | 69-127               | 1   | 25  |      |
| 108-67-8    | 1,3,5-Trimethylbenzene      | 208                 | 205          | 207           | 99         | 100  | 66-129               | 1   | 25  |      |
| 95-63-6     | 1,2,4-Trimethylbenzene      | 206                 | 218          | 221           | 106        | 107  | 63-142               | 0.9 | 25  |      |
| 100-44-7    | Benzyl Chloride             | 416                 | 459          | 472           | 110        | 113  | 73-145               | 3   | 25  |      |
| 541-73-1    | 1,3-Dichlorobenzene         | 208                 | 201          | 204           | 97         | 98   | 67-136               | 1   | 25  |      |
| 106-46-7    | 1,4-Dichlorobenzene         | 210                 | 194          | 195           | 92         | 93   | 63-134               | 1   | 25  |      |
| 95-50-1     | 1,2-Dichlorobenzene         | 210                 | 198          | 200           | 94         | 95   | 64-139               | 1   | 25  |      |
| 5989-27-5   | d-Limonene                  | 206                 | 216          | 218           | 105        | 106  | 63-137               | 0.9 | 25  |      |
| 96-12-8     | 1,2-Dibromo-3-chloropropane | 404                 | 377          | 392           | 93         | 97   | 72-145               | 4   | 25  |      |
| 120-82-1    | 1,2,4-Trichlorobenzene      | 420                 | 314          | 337           | 75         | 80   | 62-154               | 6   | 25  |      |
| 91-20-3     | Naphthalene                 | 210                 | 155          | 169           | 74         | 80   | 62-156               | 8   | 25  |      |
| 87-68-3     | Hexachlorobutadiene         | 212                 | 155          | 164           | 73         | 77   | 55-142               | 5   | 25  |      |

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.  
 Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

# ALS ENVIRONMENTAL

## LABORATORY DUPLICATE SUMMARY RESULTS

Page 1 of 3

**Client:** LaBella Associates

**Client Sample ID:** KC-IAQ-001

**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559

ALS Sample ID: P2201559-001DUP

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Analyst: Simon Cao

Sample Type: 6.0 L Summa Canister

Test Notes:

Container ID: AC02389

Date Collected: 4/4/22

Date Received: 4/6/22

Date Analyzed: 4/13 - 4/14/22

Volume(s) Analyzed: 1.00 Liter(s)  
0.050 Liter(s)

Initial Pressure (psig): -0.14

Final Pressure (psig): 4.20

Canister Dilution Factor: 1.30

| Compound                                         | Sample Result |       | Duplicate Sample Result |       | Average<br>µg/m³ | % RPD | RPD<br>Limit | Data<br>Qualifier |
|--------------------------------------------------|---------------|-------|-------------------------|-------|------------------|-------|--------------|-------------------|
|                                                  | µg/m³         | ppbV  | µg/m³                   | ppbV  |                  |       |              |                   |
| Propene                                          | 24.3          | 14.1  | 22.2                    | 12.9  | 23.25            | 9     | 25           |                   |
| Dichlorodifluoromethane (CFC 12)                 | 2.46          | 0.498 | 2.42                    | 0.489 | 2.44             | 2     | 25           |                   |
| Chloromethane                                    | 0.663         | 0.321 | 0.563                   | 0.273 | 0.613            | 16    | 25           |                   |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114) | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| Vinyl Chloride                                   | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| 1,3-Butadiene                                    | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| Bromomethane                                     | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| Chloroethane                                     | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| Ethanol                                          | 2,220         | 1,180 | 2,210                   | 1,170 | 2215             | 0.5   | 25           | D                 |
| Acetonitrile                                     | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| Acrolein                                         | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| Acetone                                          | 39.4          | 16.6  | 39.8                    | 16.7  | 39.6             | 1     | 25           |                   |
| Trichlorofluoromethane                           | 1.18          | 0.209 | 1.19                    | 0.212 | 1.185            | 0.8   | 25           |                   |
| 2-Propanol (Isopropyl Alcohol)                   | 254           | 103   | 255                     | 104   | 254.5            | 0.4   | 25           |                   |
| Acrylonitrile                                    | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| 1,1-Dichloroethene                               | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| Methylene Chloride                               | 1.15          | 0.331 | 1.12                    | 0.323 | 1.135            | 3     | 25           |                   |
| 3-Chloro-1-propene (Allyl Chloride)              | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| Trichlorotrifluoroethane                         | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| Carbon Disulfide                                 | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| trans-1,2-Dichloroethene                         | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| 1,1-Dichloroethane                               | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| Methyl tert-Butyl Ether                          | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| Vinyl Acetate                                    | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |
| 2-Butanone (MEK)                                 | ND            | ND    | ND                      | ND    | -                | -     | 25           |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

D = The reported result is from a dilution.

# ALS ENVIRONMENTAL

## LABORATORY DUPLICATE SUMMARY RESULTS

Page 2 of 3

**Client:** LaBella Associates

**Client Sample ID:** KC-IAQ-001

**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559

ALS Sample ID: P2201559-001DUP

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Analyst: Simon Cao

Sample Type: 6.0 L Summa Canister

Test Notes:

Container ID: AC02389

Date Collected: 4/4/22

Date Received: 4/6/22

Date Analyzed: 4/13 - 4/14/22

Volume(s) Analyzed: 1.00 Liter(s)

0.050 Liter(s)

Initial Pressure (psig): -0.14

Final Pressure (psig): 4.20

Canister Dilution Factor: 1.30

| Compound                  | Sample Result |        | Duplicate Sample Result |        | Average<br>µg/m³ | % RPD | RPD<br>Limit | Data<br>Qualifier |
|---------------------------|---------------|--------|-------------------------|--------|------------------|-------|--------------|-------------------|
|                           | µg/m³         | ppbV   | µg/m³                   | ppbV   |                  |       |              |                   |
| cis-1,2-Dichloroethene    | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| Ethyl Acetate             | 8.13          | 2.26   | 8.11                    | 2.25   | 8.12             | 0.2   | 25           |                   |
| n-Hexane                  | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| Chloroform                | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| Tetrahydrofuran (THF)     | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| 1,2-Dichloroethane        | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| 1,1,1-Trichloroethane     | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| Benzene                   | 0.373         | 0.117  | 0.371                   | 0.116  | 0.372            | 0.5   | 25           |                   |
| Carbon Tetrachloride      | 0.454         | 0.0722 | 0.442                   | 0.0703 | 0.448            | 3     | 25           |                   |
| Cyclohexane               | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| 1,2-Dichloropropane       | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| Bromodichloromethane      | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| Trichloroethene           | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| 1,4-Dioxane               | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| Methyl Methacrylate       | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| n-Heptane                 | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| cis-1,3-Dichloropropene   | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| 4-Methyl-2-pentanone      | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| trans-1,3-Dichloropropene | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| 1,1,2-Trichloroethane     | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| Toluene                   | 2.58          | 0.684  | 2.57                    | 0.682  | 2.575            | 0.4   | 25           |                   |
| 2-Hexanone                | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| Dibromochloromethane      | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| 1,2-Dibromoethane         | ND            | ND     | ND                      | ND     | -                | -     | 25           |                   |
| n-Butyl Acetate           | 1.57          | 0.330  | 1.64                    | 0.345  | 1.605            | 4     | 25           |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

# ALS ENVIRONMENTAL

## LABORATORY DUPLICATE SUMMARY RESULTS

Page 3 of 3

**Client:** LaBella Associates

**Client Sample ID:** KC-IAQ-001

**Client Project ID:** Kingston CVS- Annual / CZ41103.20/0100

ALS Project ID: P2201559

ALS Sample ID: P2201559-001DUP

**Test Code:** EPA TO-15

**Instrument ID:** Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

**Analyst:** Simon Cao

**Sample Type:** 6.0 L Summa Canister

**Test Notes:**

**Container ID:** AC02389

Date Collected: 4/4/22

Date Received: 4/6/22

Date Analyzed: 4/13 - 4/14/22

Volume(s) Analyzed: 1.00 Liter(s)

0.050 Liter(s)

Initial Pressure (psig): -0.14

Final Pressure (psig): 4.20

Canister Dilution Factor: 1.30

| Compound                    | Sample Result     |       | Duplicate Sample Result |       | Average<br>µg/m <sup>3</sup> | % RPD | RPD<br>Limit | Data<br>Qualifier |
|-----------------------------|-------------------|-------|-------------------------|-------|------------------------------|-------|--------------|-------------------|
|                             | µg/m <sup>3</sup> | ppbV  | µg/m <sup>3</sup>       | ppbV  |                              |       |              |                   |
| n-Octane                    | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| Tetrachloroethene           | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| Chlorobenzene               | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| Ethylbenzene                | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| m,p-Xylenes                 | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| Bromoform                   | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| Styrene                     | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| o-Xylene                    | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| n-Nonane                    | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| 1,1,2,2-Tetrachloroethane   | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| Cumene                      | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| alpha-Pinene                | 1.02              | 0.183 | 1.01                    | 0.182 | 1.015                        | 1     | 25           |                   |
| n-Propylbenzene             | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| 4-Ethyltoluene              | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| 1,3,5-Trimethylbenzene      | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| 1,2,4-Trimethylbenzene      | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| Benzyl Chloride             | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| 1,3-Dichlorobenzene         | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| 1,4-Dichlorobenzene         | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| 1,2-Dichlorobenzene         | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| d-Limonene                  | 10.0              | 1.80  | 10.1                    | 1.82  | 10.05                        | 1     | 25           |                   |
| 1,2-Dibromo-3-chloropropane | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| 1,2,4-Trichlorobenzene      | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| Naphthalene                 | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |
| Hexachlorobutadiene         | ND                | ND    | ND                      | ND    | -                            | -     | 25           |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.