Former LaRussell's Cleaners Site
406 Route 52
LAKE CARMEL, TOWN OF KENT,
PUTNAM COUNTY, NEW YORK

2023 Periodic Review Report
NYSDEC HW Site Number: 340020

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CERTIFICATION STATEMENT

I William A. Canavan certify that I am currently a NYS registered professional geologist and a qualified environmental professional as is defined in 6 NYCRR Part 375 and that this Periodic Review Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

William A. Canavan P.G., QEP April 21, 2023 DATE

Former LaRussell's Cleaners Site

Lake Carmel, Town of Kent, Putnam County, New York

PERIODIC REVIEW REPORT

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I. EXECUTIVE SUMMARY

This document, the Periodic Review Report (PRR), is required as an element of the remedial program at The Former LaRussell's Cleaners Site, located in Lake Carmel, Town of Kent, Putnam County, New York (hereinafter referred to as the "Site"). The Site location is shown on **Figure 1**. The Site is currently in the New York State Inactive Hazardous Waste Disposal Site Remedial Program, Site No. 340020 which is administered by the New York State Department of Environmental Conservation (NYSDEC). The PRR documents the implementation of and compliance with site specific requirements set forth in the Site Management Plan (SMP).

In 2016, Brian J. Finney of A-Class Management, Inc. entered into an Order on Consent (Index No. CO 3-20160127-9) with the NYSDEC to remediate the Site. In 2019, responsibilities for site remediation were transferred to Mr. Amit Patel (the responsible party) and the owner/operator of Gino's Grab n' Go, a deli/convenience store occupying the first floor of the former dry cleaners building on the Site. A figure showing the Site location, and boundaries of the Site, including a full description of the metes and bounds is included in the Environmental Easement survey provided in **Appendix A**.

The contaminants of concern for the Site are volatile organic compounds (VOCs) related to the improper disposal of dry-cleaning chemicals, including the chlorinated solvents tetrachloroethylene (PCE) and its breakdown components, trichloroethylene (TCE) and cis-I,2-dichloroethylene (DCE). The contaminants of concern remain in groundwater beneath the Site and continue to impact the potable supply wells of the former dry cleaners building (located on-Site) and the hair salon located to the south of the Site.

Institutional and Engineering Controls (ICs and ECs) have been incorporated into the Site remedy to control exposure to the contaminants of concern to ensure protection of public health and the environment. The ECs servicing the Site include two Point of Entry Treatment (POET) systems which service the water supplies of the former cleaners and the hair salon by removing contaminants of concern with granulated activated carbon (GAC) filters. A sub-slab depressurization system (SSDS), located beneath the slab of the former cleaners building is used to mitigate potential soil vapor intrusion in the building. Four monitoring wells designated MW-3S, MW-3D, MW-6, and MW-8D, are utilized to monitor groundwater beneath the Site and in the surrounding area. Well construction details for the four monitoring wells currently sampled as part of the SMP are included in **Table 1**. The Site boundary, EC locations, and monitoring well locations are shown on **Figure 2**.

Operation and maintenance (O&M) inspections of the ECs, including influent, mid-fluent, and effluent water sampling of the two POET systems, was completed in February during the 2023 monitoring period, on February 24, 2023. Sampling of the four monitoring wells for VOCs, to monitor for contaminants of concern, was completed on February 24 and February 27, 2023. The SSDS was inspected in February 2023.

Based on the 2023 POET sampling analytical results, the POET systems servicing the former cleaners and the hair salon are achieving their remedial goal by effectively removing contaminants of concern from their respective water supplies. Maintenance is required for the POET system servicing the former cleaners, as the carbon filters have yet to be replaced. The POET system VOC sampling results for the September 2019 sampling event are summarized on **Table 2** and the POET system VOC sampling results for the February 2023 sampling event are summarized on **Table 3** respectively, and the laboratory analytical reports for 2023 are included in **Appendix B**.

Groundwater monitoring and sampling results indicate that natural attenuation of contaminants is occurring in the groundwater beneath the Site, however, contaminants still remain above NYSDEC Ambient Water Quality Standards (AWQS). The monitoring well VOC sampling results for the September 2019 and February 2023 sampling events are summarized on **Table 4** and **Table 5** respectively, and the laboratory analytical reports for February 2023 are included in **Appendix B**. A comparison of contaminants of concern detected in monitoring well and POET system influent samples from 2019 to 2023, is included on **Table 6**.

The SSDS servicing the former cleaners was found to be operating as designed and achieving its remedial goal of maintaining vacuum beneath the slab of the building. The SSDS was inspected in February of 2023 and will be inspected again in September of 2023. No unscheduled maintenance of the SSDS outside of SMP compliance is required currently.

At the request of the NYSDEC, additional groundwater samples were collected from monitor wells MW-3D and MW-8D to be analyzed for emerging contaminants 1,4-Dioxane and Per- and Polyfluoroalkyl Substances (PFAS). Additionally, a sample was collected from the potable well of the former cleaners. A sample was not collected from the hair salon; however, a sample will be collected during the second round of sampling in 2023 from the POET system (designated “pre-treatment”) to be analyzed for PFAS. Results indicated that PFAS, including Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS) were detected in samples from MW-3D and MW-8D as well as the pre-treatment samples collected from the former cleaners. The VOC 1,4-Dioxane was detected at 0.300 ug/L in monitoring well MW-3D, however, the sample collected from MW-8D was broken during lab preparation and was not tested for the February 2023 sampling period. Consequently, monitor well MW-8D will be sampled again in September 2023. HES will defer to the judgement of NYSDEC regarding any additional emerging contaminant monitoring and sampling requirements at the Site based on the results of the latest sampling event. Emerging contaminant sampling results for the monitoring wells and the POET pre-treatment samples are summarized on **Table 7** and the laboratory analytical report from February 2023 is included in **Appendix B**.

Based on the initial monitoring and sampling and O&M results for 2023, the requirements of the SMP should continue to be carried out into the upcoming year. The PRR should continue to be prepared

on an annual basis, summarizing data from all monitoring and sampling and O&M inspections from the previous monitoring period. The next PRR will summarize the September 2023 sampling results and O&M inspections of the POET systems and SSDS.

II. SITE OVERVIEW

A. Site Location and Description

The Site is located in Lake Carmel, Town of Kent, in Putnam County, New York and is identified as Section 33, Subsection 72, Block 1, Lots 9 and 18 on the Putnam County Tax Map. The Site location is shown on a topographic map on **Figure 1** and the site boundaries are shown on **Figure 2**. The Site is an approximately 1.1-acre area bounded by a vacant wooded lot to the north, a commercial property consisting of a small one-story building and parking lot occupied by a hair salon (Hair Palace II), to the south, a residential neighborhood (Mt. Hope Road) to the east, and Route 52 to the west. Lot 18 (also identified as Parcel A), the 0.55-acre, deed restricted area located at 406 Route 52, is the site of the former dry-cleaning building. Lot 9 (also identified as Parcel B) is the 0.56-acre lot abutting Parcel A to the west and Mount Hope Road to the east. The boundaries of the Site are more fully described in **Appendix A**, the Environmental Easement survey.

The Site (both Parcels A and B) is owned by A-Class Management, Inc., however, since 2019, Site management and remediation responsibilities have been transferred to Mr. Amit Patel, hereinafter referred to as the responsible party.

B. Remedial Program History

i. Potable Drinking Water and Groundwater

PCE contamination was first discovered in a sample collected from the Site potable supply well by the Putnam County Department of Health (PCDOH) in 1981. Subsequent sampling in the surrounding area also found contaminants of concern (PCE, TCE, and DCE) impacts in the potable supply well of the current hair salon, located to the south of the Site, and the potable supply well of the Sofair Apartments, located approximately 350 feet north of the Site.

In response to the sampling results, a GAC treatment system was installed in the former dry cleaners building at the request of NYSDEC in December 1993, to remove PCE and other VOCs from the drinking water supply and to bring it into compliance with state drinking water standards. In 2001 the former cleaner's system was replaced by a POET system which treated all water entering the building. The NYSDEC also requested POET GAC systems at the Sofair Apartments (installed November 1993 and since removed) and the telecommunications building (current hair salon) neighboring the Site to the south (installed September 1994, still in service).

A network of 16 groundwater monitoring wells (14 of which were installed in nested shallow and deep pairs) were installed on and off-site as part of the 1998 Remedial Investigation (RI) to delineate the areal and vertical extent of the contaminants of concern in groundwater. Sampling of the wells for VOC analysis indicated that groundwater contamination was largely restricted to the Site and the area immediately surrounding it, extending to the former lumber yard (current Lakeview Community Church) to the southwest.

In September 1998, the NYSDEC issued a Record of Decision (ROD) prescribing remedial action to be taken on the Site. The remedy consisted of maintaining the POET systems at the hair salon and the Sofair Apartments as well as installing a continuous pump and treat POET system at the dry cleaners. The ROD also required regular sampling of several of the on and off-Site monitoring wells. In 2001 the Site owners entered into an Order on Consent with the NYSDEC to fulfill the requirements of the ROD.

In January 2016, following the sale of the Site, the NYSDEC entered into a Consent Order with the new owners of the Site, A-Class Management, Inc. The Consent Order required the Site owners to install and maintain a new POET system at the former dry cleaners building (which was being rebuilt after it was destroyed by a fire) and maintain the existing POET system servicing the hair salon. In addition, the new Site owners were responsible for conducting semi-annual sampling of five existing monitoring wells MW-3S, MW-3D, MW-6, MW-8S, and MW-8D (MW-8S was later abandoned). The monitoring and operation and maintenance (O&M) requirements related to the POET systems and monitoring wells are summarized in the sections below and in the SMP. Well construction details for the four monitoring wells currently sampled as part of the SMP are included in **Table 1**. The monitoring well and engineering control locations (including the active POET systems) are shown on **Figure 2**.

ii. Surface and Subsurface Soil

As part of the 1998 RI, 24 subsurface soil samples and two surface soil samples were collected at the Site. Based on laboratory analytical results from the soil sampling, only one soil sample exceeded NYSDEC Soil Cleanup Objectives (SCOs). The RI states that the lack of soil contamination can be attributed to the presence of the paved asphalt cap that covered most of the ground surface around the former dry cleaners. The NYSDEC ROD did not recommend excavation or other soil remediation activities. Additionally, in the time since the sampling in the RI was conducted, the asphalt cap has not been removed nor have there been any recorded spills on the Site. As such, it is assumed that the 1998 RI sampling results reflect the current state of soils on-Site. No additional ECs or monitoring and sampling related to surface or subsurface soil were required as part of the SMP.

iii. Soil Vapor Intrusion and Indoor Air Quality

Soil vapor intrusion (SVI) and indoor air quality (IAQ) investigations were conducted on-Site and at off-Site locations. An SVI was conducted at the Site in 1998 which found PCE concentrations ranging

from non-detect to 800 parts per billion (ppb) in four laboratory samples. PCE concentrations measured by a calibrated gas chromatograph ranged from non-detect to 36,900 ppb. Based on these results no SVI or IAQ mitigation was recommended as part of the NYSDEC ROD for the site. However, as part of the 2016 Order on Consent for the Site, the Site owner, A-Class Management agreed to install a Sub-slab Depressurization System (SSDS) beneath the former dry cleaner building as part of its reconstruction. Following the installation of the SSDS two sets of air samples were collected by HES in August 2016 (during the cooling season) and January 2017 (during the heating season). Each round of sampling consisted of two samples collected inside the building on the first and second floors and one outdoor sample. Contaminants of concern PCE, TCE, and DCE were detected in low concentrations in indoor and outdoor samples from the two rounds but were well below New York State Department of Health (NYSDOH) guidelines.

An IAQ investigation conducted in 2006 at the former telecommunications building (current hair salon) south of the Site and an SVI investigation conducted in 2009 at the printing building located west of the Site concluded that based on NYSDEC guidelines, no action was required to mitigate SVI at these two off-Site locations.

The SSDS beneath the former dry cleaners undergoes regular monitoring and O&M inspections as described in the sections below and in the SMP.

III. EVALUATE REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

Analytical results from influent samples collected from the POET systems servicing the former cleaners and hair salon during the September 2019 and February 2023 sampling events indicate that contaminants of concern are still found in the systems influent water above NYSDEC-AWQS. However, results from the effluent samples collected from the two POET systems indicated that none of the contaminants of concern were detected above laboratory method detection limits (MDLs) in any of the samples collected during the September 2019 and February 2023 sampling events. Based on the 2019 and 2023 POET sampling analytical results, the POET systems servicing the former cleaners and the hair salon are effectively removing contaminants of concern from their respective water supplies. The POET systems at the former cleaners and the hair salon should continue to be monitored and maintained during the 2023 monitoring period, and carbon vessels replaced as required.

The POET sampling results from September 2019 and February 2023 are included on **Table 2** and **Table 3,** respectively. The laboratory analytical reports for the 2023 POET system sampling event is included in **Appendix B**. **Table 6** includes a comparison of concentrations of the contaminants of concern detected in influent samples of the two POET systems throughout the three most recent sampling events (since responsibilities were taken over by A-Class Management, Inc. in 2016). The locations of the POET systems are shown on **Figure 2**.

Groundwater sampling events were conducted at the four monitoring wells MW-3S, MW-3D, MW-6, and MW-8D in September 2019 and February 2023. Based on analytical results from the sampling events, contaminants of concern are still present in concentrations above AWQS in three of the four monitoring wells. Contaminants of concern concentrations have been below AWQS in all samples from MW-8D collected since 2019. Analytical results from MW-3S indicate that TCE and DCE concentrations are consistently below AWQS while PCE concentrations have fluctuated above and below AWQS since 2019. Based on the 2019 monitoring and sampling results, natural attenuation of contaminants is occurring in the groundwater beneath the Site; however, contaminants still remain above AWQS and therefore ICs and ECs should continue to be employed, including use of POET systems and restrictions on new potable wells. Based on the 2023 monitoring and sampling results on and off-Site groundwater sampling should also continue into the 2024 monitoring period.

The monitoring well sampling results from the September 2019 and February 2023 sampling events are included on **Table 4** and **Table 5**, respectively. The laboratory analytical reports for the 2023 monitoring well sampling events are included in **Appendix B**. **Table 6** includes a comparison of concentrations of the contaminants of concern detected in samples from the four monitoring wells throughout the three most recent sampling events from 2019 to 2023. The locations of the monitoring wells are shown on **Figure 2**.

An inspection of the SSDS servicing the former cleaners conducted in February 2023 found the system to be in good working condition. The radon fan servicing the system and the connecting riser pipe appeared to be in good condition based on visual inspection. Based on the February 2023 inspection, the former cleaners SSDS is operating effectively. The SSDS should continue to be monitored and maintained during the 2024 monitoring period. The SSDS location is shown on **Figure 2**.

IV. INSTITUTIONAL CONTROL/ENGINEERING CONTROL PLAN COMPLIANCE REPORT

A. Institutional Control Requirements and Compliance

A series of ICs is required by the ROD and Orders on Consent (2001 and 2016) to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to remaining contamination; and (3) limit the use and development of the Site to commercial and residential uses only. Adherence to these ICs on the Site is required by the Environmental Easement and has been implemented under the SMP. ICs identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the Environmental Easement. The IC boundaries are shown on the Environmental Easement survey in **Appendix A**. These ICs are:

- The property may be used for residential and commercial use;

- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP.
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the PCDOH to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the NYSDEC.
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to Site management must be reported at the frequency and in a manner as defined in the SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP;
- 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.
- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on the figure included in the Environmental Easement survey in **Appendix A**, and any potential impacts that are identified must be monitored or mitigated; and
- Vegetable gardens and farming on the Site are prohibited.

All of the aforementioned ICs for the Site are being adhered to and remain valid as noted on the NYSDEC Institutional and Engineering Controls Certification Form, which is included in **Appendix C**.

B. Engineering Control Requirements

i. Point of Entry Treatment (POET) Systems

POET systems currently service the former cleaners building (on-Site) and the hair salon located south of the Site. The POET systems remove VOCs in groundwater by GAC filtration, effectively removing VOC concentrations to below AWQS to return groundwater to potable quality water usage. As per the Orders on Consent (2001 and 2016), the POET systems are to be monitored and maintained until the NYSDEC and the NYSDOH authorizes the discontinuance of their operation. The locations of the POET systems are shown on **Figure 2**.

The performance of each POET system is monitored on a semi-annual basis, primarily through the collection of water samples for VOC analysis from each system's influent, mid-fluent, and effluent ports. If any one of the contaminants of concern (PCE, TCE, DCE) is detected in a mid-fluent or effluent sample above the concentration of 1 microgram per liter (μg/L) or 1 ppb, the GAC canister preceding the port from which the sample was collected will be removed from the system and spent carbon will be properly disposed of. The canister will then be replaced with the next canister in-line, and a fresh carbon canister will be installed between the mid-fluent port (second mid-fluent port in hair salon system) and the effluent port. If elevated concentrations of VOCs other than the contaminants of concern are detected in mid-fluent and effluent samples, GAC canisters will be replaced accordingly.

Laboratory analytical results from POET system sampling events conducted in September 2019 and February 2023 indicate that each system is effectively removing contaminants of concern from their respective water supplies (as is described in **Section III** above and the sampling results summarized in **Table 1**, **Table 2**, and **Table 6**). However, based on results from the 2023 sampling events, O&M inspections, and age of the GAC canisters at the former cleaners, some maintenance is recommended for the former cleaners POET system including replacement of all three GAC canisters as soon as any breakthrough occurs at the first GAC canister. The recommended maintenance is described in the O&M Compliance Report in **Section VI** below. No unscheduled maintenance is required of the POET system servicing the hair salon.

ii. Sub-slab Depressurization System (SSDS)

The Sub-slab Depressurization System (SSDS) is installed below the first-floor concrete slab of the former cleaners building. The SSDS location is shown on **Figure 2**. The purpose of the system is to mitigate soil vapor beneath the building related to the improper disposal of dry-cleaning chemicals. The February 2023 inspection of the SSDS servicing the former cleaners found the system to be in good working condition. Based on the February 2023 inspection, the former cleaners SSDS is operating effectively.

C. Institutional and Engineering Control Certification

The NYSDEC Institutional and Engineering Controls Certification Form is included in **Appendix C**.

V. MONITORING PLAN COMPLIANCE REPORT

A. Groundwater Monitoring and Sampling

Monitoring and sampling were completed at on and off-Site wells MW-3S, MW-3D, MW-6, and MW-8D in September of 2019 and February of 2023, according to the semi-annual schedule set forth by the SMP. During each sampling event groundwater samples were collected from each of the four wells to be analyzed for VOCs using EPA method 8260. Samples collected from MW-8D were broken after collection, therefore, no laboratory analytical results are available for this well for the most recent sampling event. Additionally, during the September 2019 and February 2023 sampling events, samples were collected from MW-3D and MW-8D to be analyzed for PFAS and 1,4-Dioxane, designated by the NYSDEC as emerging contaminants sampling points.

Depth to water measurements recorded at the four monitoring wells during the 2019 and 2023 monitoring and sampling events are included with well construction details on **Table 1**. The monitoring well sampling results from the September 2019 and February 2023 sampling events for VOC analyses are included in **Table 4** and **Table 5,** respectively. The laboratory analytical reports for the 2023 monitoring well sampling event are included in **Appendix B**. **Table 6** includes a comparison of concentrations of the contaminants of concern detected in samples from the four monitoring wells throughout the three most recent sampling events from 2019 to 2023. The emerging contaminant results from the 2023 sampling event is included in **Table 7.** The locations of the monitoring wells are shown on **Figure 2**.

During the groundwater sampling event conducted in 2023, standard monitoring well sampling procedures were followed. During the February 2023 event, depth to water was measured at each well using an electronic interface tape and three well volumes were purged using a dedicated polyethylene bailer (MW-3S, MW-3D, MW-8D) or a variable flow pump with dedicated tubing (MW-6). Samples were transferred to hydrochloric acid (HCl) preserved 40-milliter vials and delivered on-ice to York Analytical Laboratories, Inc. (York), a New York State certified laboratory located in Stratford, Connecticut to be analyzed for VOCs via EPA method 8260.

Because the wells were sampled for PFAS analysis during the February 2023event, additional and alternate sampling procedures were followed. Specifically, well MW-3Dwas sampled using a bladder pump with a dedicated HDPE bladder and tubing. Wells MW-6 and MW-8D were sampled using a peristaltic pump with dedicated HDPE tubing. Wells MW-6 and MW-8D needed to be sampled using a peristaltic pump due to the small diameter of the wells. The three wells were purged and sampled using the low-flow method. During purging, field parameters (including dissolved oxygen, conductivity, temperature, and pH), were

recorded at 5 minute intervals. Sampling commenced following stabilization of water quality parameters. The low-flow water quality parameters recorded during the purging of wells MW-3D, MW-6, and MW-8D are included in **Appendix D**. MW-3S was purged (5 well volumes) and sampled using a dedicated bailer and not the low-flow method during the February 2023 sampling. All groundwater samples were transferred to appropriate containers and delivered on-ice to York to be analyzed for VOCs (EPA method 8260), 1,4-Dioxane (EPA method 8270), and PFAS (EPA method 537 m).

VOC laboratory analytical results from the 2023 groundwater monitoring and sampling events indicate that natural attenuation of the contaminants of concern is occurring in the groundwater beneath the Site; however, contaminants of concern are still present above AWQS in groundwater from each of the wells. The VOC sampling results are described more fully in **Section III** above.

Emerging contaminant laboratory analytical results from the February 2023 sampling indicated that 1,4-Dioxane was not detected above laboratory MDLs in the sample collected from MW-3D. Several PFAS compounds were detected above laboratory MDLs in the groundwater samples collected from MW-3D and MW-8D. This included PFOA, which was detected at 13.5 nanograms per liter (ng/L) in MW-3D and 13.1 ng/L in MW-8D, and PFOS, detected at 33.3 ng/L in MW-3D and 13.6 ng/L in MW-8D. At this time, the NYSDEC does not promulgate any AWQS for PFAS compounds, however, new guidelines published by the NYSDEC (Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs, October 2021), indicate that if PFOA or PFOS are detected at or above 6.7 and 2.7 ng/L or 10 parts per trillion (ppt) in any groundwater sample, PFAS should be further assessed and considered a contaminant of concern.

B. POET System Monitoring and Sampling

POET system sampling was conducted at the former cleaners and the hair salon in February 2023, according to the semi-annual schedule set forth by the SMP. Influent, mid-fluent and effluent water samples were collected from each POET system and analyzed for VOCs using EPA method 8260. Additionally, during the February 2023 sampling event, pre-treatment water samples were collected from the former cleaners Pre Treatment to be analyzed for PFAS at the request of the NYSDEC.

The POET sampling results from September 2019 and February 2023 are included on **Table 2** and **Table 3,** respectively. The laboratory analytical reports for the 2023 POET system sampling events are included in **Appendix B**. **Table 6** includes a comparison of concentrations of the contaminants of concern detected in influent samples of the two POET systems throughout the three most recent sampling events. PFAS sampling results from the February 2023 sampling event are included on **Table 7**. The locations of the POET systems are shown on **Figure 2**.

During each sampling event, POET system water samples were collected from the influent, mid-fluent, and effluent ports at each system for VOC analysis. The former cleaners has one mid-fluent port as it has two GAC canisters while the hair salon system has two mid-fluent ports (three GAC canisters). POET system samples are collected in the order of effluent, mid-fluent, influent, to prevent cross contamination of samples. Samples are collected in 40 milliliter vials preserved with HCl and sent to York on-ice.

Samples collected for PFAS analysis in February 2023 were collected from the influent port of the former cleaners. Samples were not collected from the hair salon in February 2023 for PFAS. Pre-treatment samples were collected in appropriate containers and delivered on-ice to York to be analyzed using EPA Method 537.1.

Analytical results from influent samples collected from the POET systems servicing the former cleaners and hair salon during the February 2023 sampling event indicated that contaminants of concern are still found in the system influent water above NYSDEC-AWQS. However, results from the effluent samples collected from the two POET systems indicated that none of the contaminants of concern were detected above laboratory MDLs in any of the samples collected during the February 2023 sampling event. The VOC sampling results are described more fully in **Section III** above.

PFAS laboratory analytical results from the February 2023 sampling indicated that several PFAS compounds were detected above laboratory RLs in the pre-treatment samples collected from the former cleaners POET system. At this time, the NYSDEC does not promulgate AWQS for PFAS compounds, however, new guidelines published by the NYSDEC indicate that if PFOA or PFOS are detected at or above 6.7 and 2.7 ng/L or 6.7 and 2.7 ppt and PFHxA or PFBS are detected at or above 100 ng/L or 100 ppt in any groundwater sample, PFAS should be further assessed and considered a contaminant of concern.

C. SSDS Monitoring

Monitoring of the SSDS was completed in 2019.. The SSDS location is shown on **Figure 2**. Although the SSDS was only inspected once during the 2019 monitoring period, the September 2019 and February 2023 inspection indicated that the former cleaners SSDS was operating and has been in a good working condition since the last inspection in 2019.

D. Monitoring Plan Compliance Conclusions and Recommendations

Semi-annual monitoring and sampling conducted in 2023 was completed in compliance with the SMP. Based on the results of the February 2023 monitoring and sampling event, sampling of groundwater from the four monitoring wells MW-3S, MW-3D, MW-6, and MW-8D, sampling of the two POET systems located in the former cleaners and the hair salon, and monitoring of the former cleaners SSDS, should be continued in 2023 and 2024.

VI. OPERATION & MAINTENANCE PLAN COMPLIANCE REPORT

A. POET Systems O&M

During the 2023 monitoring period, O&M inspections of the former cleaners and hair salon POET systems were conducted in February 2023. During the visit a visual inspection of each system was conducted to identify any damage or leaks. At the former cleaners POET system the pressure gauges located at each sampling port (between GAC canisters) and the LED status indicators on the UV filter were inspected as well. The hair salon POET system does not include working pressure gauges or a UV filter. Laboratory analytical results from the water samples collected from the influent, mid-fluent, and effluent ports from each POET system were used to determine if replacement of the GAC canisters was required.

Visual inspections conducted of the two POET systems found both systems to be in good working order with no leaks or damage. The pressure gauges installed on the former cleaner's system read approximately 50 pounds per square inch (PSI) pressure during the February 2023 visit, within the 15-125 PSI operating range of the UV filter and below the 150 PSI maximum pressure of the GAC canisters. Based on the user's manual, LED indicator lights on the UV treatment system did not indicate any service was required.

Laboratory analytical results from POET system sampling events conducted in February 2023 indicated that each system is effectively removing contaminants of concern from their respective water supplies (as is described in **Section III** above and the sampling results summarized in **Table 2** and **Table 3**). However, based on the age of the GAC canisters at the former cleaners, they are recommended to be replaced as soon as any breakthrough at the first GAC canister is observed to maintain their current working order status.

No contaminant breakthroughs were identified in the laboratory analytical results from samples collected from either of the POET systems and the O&M inspections found the systems to be in good working order.

B. SSDS O&M

An O&M inspection of the SSDS was completed in once in February 2019 as part of the Site visit. The vacuum fan servicing the system and the connecting riser pipe appeared to be in good condition based on visual inspection Although the SSDS was only inspected once during the 2019 monitoring period, the September 2019 and February 2023 inspection indicates that the former cleaners SSDS is operating effectively, and no unscheduled maintenance is required.

C. Operation & Maintenance Plan Compliance Conclusions and Recommendations

A Semi-annual O&M inspection conducted in early 2023 was completed in compliance with the SMP. No unscheduled maintenance is required for the POET systems at the hair salon and former dry cleaners or the SSDS servicing the former cleaners.

O&M inspections of the two POET systems and the SSDS, should be continued for the second monitoring and sampling event in 2023 and into 2024.

The responsible party should continue to perform routine maintenance to the systems, including changing of particulate filters serving the POET systems (at least every 6 months), changing the lamps on the UV treatment system as required, and conducting regular visual inspections of the POET systems and SSDS. The UV treatment system servicing the former cleaners is equipped with an audible alarm which sounds if the filter is malfunctioning. If the UV system alarm sounds, the tenants of the building should notify the responsible party immediately so the necessary service can be performed. The UV system to be installed at the hair salon POET system should be equipped with a similar alarm.

VII. CONCLUSIONS AND RECOMMENDATIONS

- The SMP requirements for the 2023 monitoring period have been completed as is documented in this PRR.

- The SSDS servicing the former cleaners was inspected in February 2023 and was found to be operating as designed and achieving its remedial goal of maintaining vacuum beneath the slab of the building. The SSDS should continue to be monitored and maintained during the 2024 monitoring period.

- Based on the 2023 POET sampling analytical results, the POET systems servicing the former cleaners and the hair salon are achieving their remedial goal by effectively removing contaminants of concern from their respective water supplies. Contaminants of concern have not been detected above AWQS in the mid-fluent or effluent samples from either system and have not been detected above laboratory MDLs in the effluent samples from either system. Monitoring and sampling of the two POET systems should continue during the 2023 monitoring period.

- Regularly scheduled maintenance of the Site ECs, including POET system maintenance related to changing cartridges of particulate filters and changing the lamps of the UV systems should continue to be performed as needed by the responsible party.

- Based on the 2023 groundwater monitoring and sampling results, natural attenuation of contaminants is occurring in the groundwater beneath the Site; however, contaminants remain above AWQS and therefore ICs and ECs should continue to be employed, including use of POET systems and restrictions on new potable wells. Based on the 2023 monitoring and sampling results on and off-Site sampling and monitoring should continue into the 2023 monitoring period.

- Emerging contaminant laboratory analytical results from the February 2023 sampling indicated that 1,4-Dioxane was not detected above laboratory MDLs in the samples collected from MW-3D. Several PFAS compounds were detected above laboratory MDLs in the groundwater samples collected from MW-3D and MW-8D. This included the compounds PFOA and PFOS, detected between 13.5 and 13.1 ng/L and 33.3 ng/L and 13.6 ng/L at MW-3D and MW-8D, respectively. At this time, NYSDEC does not promulgate AWQS for PFAS compounds, however, new guidelines published by the NYSDEC (Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs, October 2021), indicate that if PFOA or PFOS are detected at or above 6.7 and 2.7 ppt in any groundwater sample, PFAS should be further assessed and considered a contaminant of concern. HES will defer judgement to the NYSDEC regarding any additional emerging contaminant monitoring and sampling requirements at the Site.

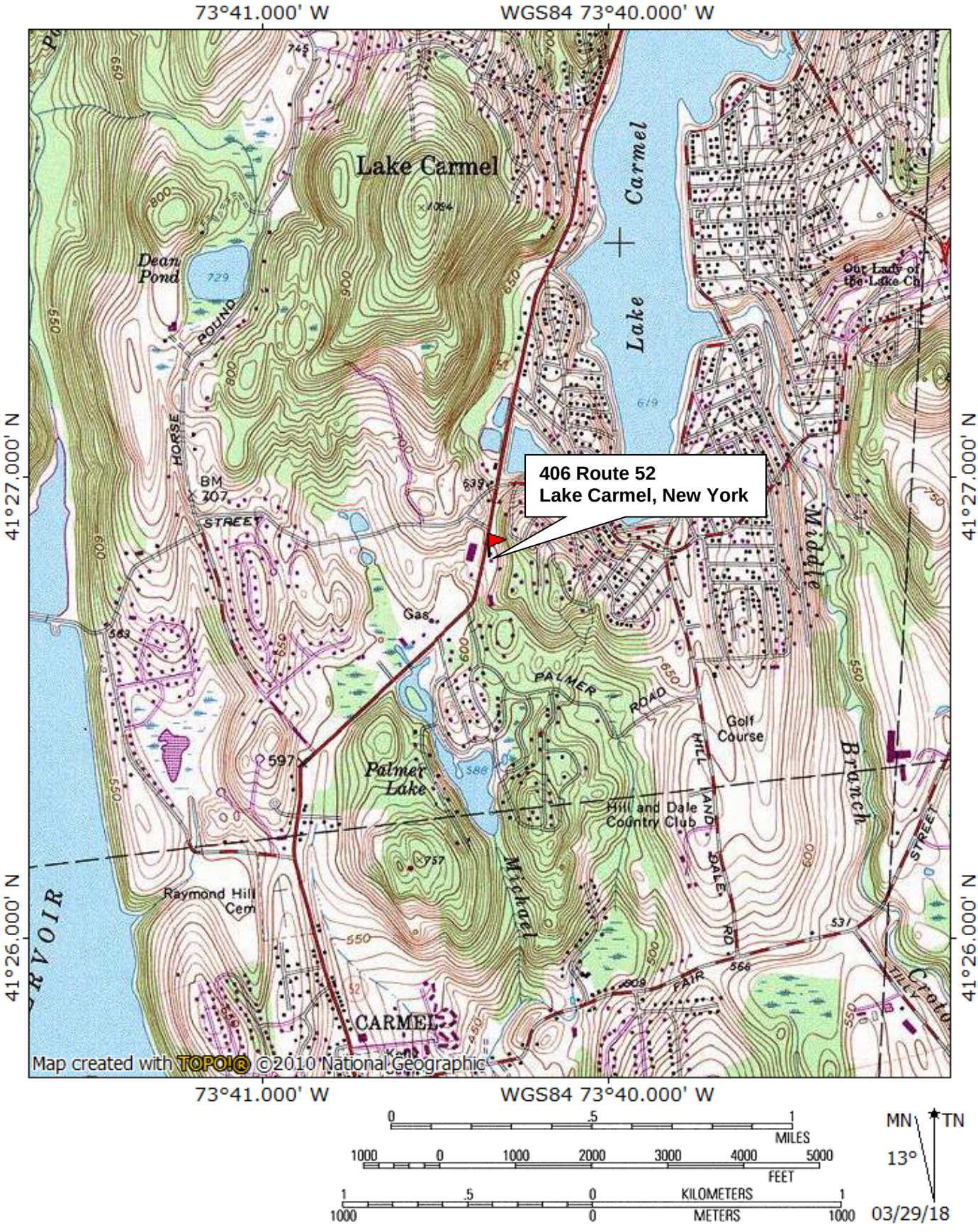
- Based on the 2023 monitoring and sampling and O&M results, the requirements of the SMP should continue to be carried out into the 2023 monitoring period

- The PRR should continue to be prepared on an annual basis, summarizing data from all monitoring and sampling and O&M inspections from the previous monitoring period. The next PRR will be prepared following the second round of monitoring and sampling in 2023 and continue as follows.

FIGURES

FIGURE 1

Site Location Map



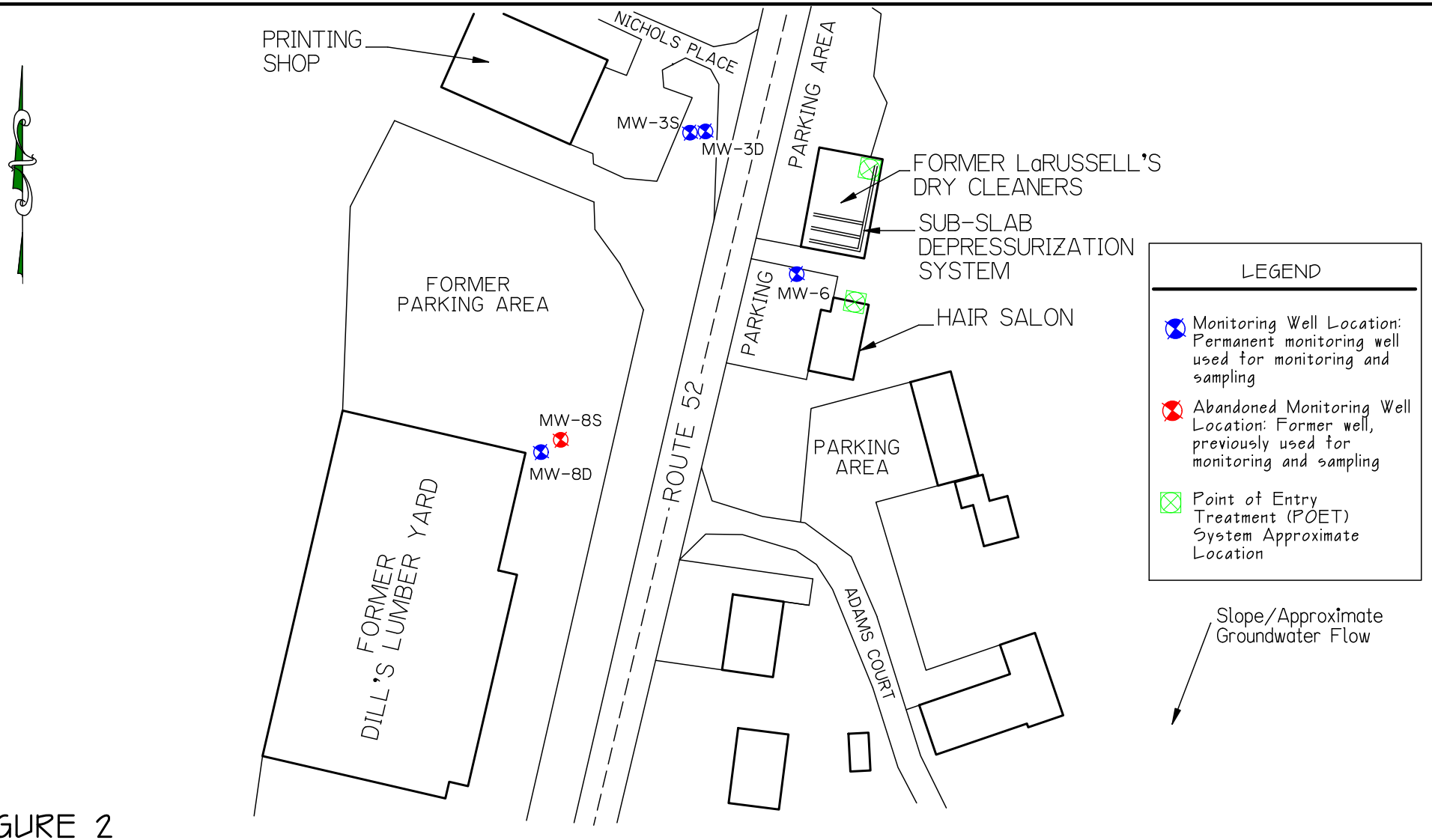


FIGURE 2

LARUSSELL'S CLEANERS SITE 406 ROUTE 52 LAKE CARMEL, NEW YORK NYSDEC SITE NO. 340020	GENERALIZED SITE PLAN	0 25' 50' MONITORING WELL & ENGINEERING CONTROL LOCATIONS	April 2023

HydroEnvironmental SOLUTIONS, INC.
Two Center Street
Croton Falls, New York 10519

TABLES

TABLE 1

Former LaRussell's Cleaners Site
406 Route 52 Lake Carmel, New York
NYSDEC Site No. HW340020

Summary of Monitoring Well Construction Details and Depth to Water Data

Well	Depth to Water (ftbg)		Location Relative to Site	Total Depth (ftbg)	Screen Interval (ftbg)	Elevation (Top of PVC)	Well Diameter (Inches)	Screened in Bedrock (Y/N)
	9/26/2019	February 2023						
MW-3S	11.5	8.00	Crossgradient/West	13.90	3.9-13.9	654.4	2	N
MW-3D	13.6	10.12	Crossgradient/West	55.50	44.5-55.5	654.5	2	Y
MW-6	12.4	8.00	Downgradient/South	55.50	35.5-55.5	652.4	3	Y
MW-8D	2.75	2.00	Downgradient/South	23.50	13.5-23.5	632.9	2	Y

NOTES:

MW — Monitoring well sampled for VOCs (EPA method 8260) and Emerging Contaminants (EPA methods 537 and 1, 4-Dioxane)

*MW-8D: Well sample for VOCs (EPA method 8260) was not tested in February 2023

MW — Monitoring well sampled for VOCs (EPA method 8260) only

NR = Depth to water not recorded to prevent potential PFAS contamination with interface tape

ftbg = Feet below grade

Table 2

Former LaRussell's Cleaners Site
406 Route 52
Lake Carmel, New York
NYSDEC Site No. HW340020
Summary of POET System Volatile Organic Compound Results
September 2019

Sample ID		Fomer Cleaners Influent		Fomer Cleaners Midfluent		Fomer Cleaners Effluent		Salon Influent		Salon Midfluent 1		Salon Midfluent 2		Salon Effluent	
York ID		19I1255-05		19I1255-06		19I1255-07		19I1255-08		19I1255-09		19I1255-10		19I1255-11	
Sampling Date	NYSDEC AWQS	9/26/2019		9/26/2019		9/26/2019		9/26/2019		9/26/2019		9/26/2019		9/26/2019	
Client Matrix		Drinking Water		Drinking Water		Drinking Water		Drinking Water		Drinking Water		Drinking Water		Drinking Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 List - Low Level (ug/L)															
1,1,1,2-Tetrachloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,1-Trichloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2,2-Tetrachloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloroethane	1	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloropropylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichlorobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichloropropane	0.04	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4,5-Tetramethylbenzene	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4-Trichlorobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4-Trimethylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dibromo-3-chloropropane	0.04	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dibromoethane	0.0006	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloroethane	0.6	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloropropane	1	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3,5-Trimethylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichloropropane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,4-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
2,2-Dichloropropane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
2-Butanone	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
2-Chlorotoluene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
2-Hexanone	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
4-Chlorotoluene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
4-Methyl-2-pentanone	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Acetone	50	1	U	1.700	J	1.400	J	1.200	J	1.500	J	1.900	J	1.600	J
Benzene	1	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.340	J	0.200	U
Bromobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromochloromethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromodichloromethane	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromoform	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromomethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Carbon disulfide	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Carbon tetrachloride	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chlorobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloroform	7	0.200	U	0.200	U	0.200	U	0.200	U	0.470	J	0.200	U	0.200	U
Chloromethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
cis-1,2-Dichloroethylene	5	**7.800**		0.200	U	0.200	U	4		0.920		0.200	U	0.200	U
cis-1,3-Dichloropropylene	0.4	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dibromochloromethane	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dibromomethane	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dichlorodifluoromethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U

Table 2

Former LaRussell's Cleaners Site
406 Route 52
Lake Carmel, New York
NYSDEC Site No. HW340020
Summary of POET System Volatile Organic Compound Results
September 2019

Sample ID		Fomer Cleaners Influent		Fomer Cleaners Midfluent		Fomer Cleaners Effluent		Salon Influent		Salon Midfluent 1		Salon Midfluent 2		Salon Effluent	
York ID		19I1255-05		19I1255-06		19I1255-07		19I1255-08		19I1255-09		19I1255-10		19I1255-11	
Sampling Date	NYSDEC AWQS	9/26/2019		9/26/2019		9/26/2019		9/26/2019		9/26/2019		9/26/2019		9/26/2019	
Client Matrix		Drinking Water		Drinking Water		Drinking Water		Drinking Water		Drinking Water		Drinking Water		Drinking Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Hexachlorobutadiene	0.5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Isopropylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methyl tert-butyl ether (MTBE)	10	0.230	J	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methylene chloride	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Naphthalene	10	1	U	1	U	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
n-Propylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
o-Xylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p- & m- Xylenes	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
p-Diethylbenzene	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Ethyltoluene	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Isopropyltoluene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
sec-Butylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Styrene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
tert-Butylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Tetrachloroethylene	5	**41**		0.200	U	0.200	U	**110**		0.200	U	0.200	U	0.200	U
Toluene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.310	J	0.200	U
trans-1,2-Dichloroethylene	5	0.230	J	0.200	U	0.200	U	0.270	J	0.200	U	0.200	U	0.200	U
trans-1,3-Dichloropropylene	0.4	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Trichloroethylene	5	**12**		0.200	U	0.200	U	3.800		0.200	U	0.200	U	0.200	U
Trichlorofluoromethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Vinyl Chloride	2	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Xylenes, Total	5	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 3

Former LaRussell's Cleaners Site
406 Route 52
Lake Carmel, New York
NYSDEC Site No. HW340020
Summary of POET System Volatile Organic Compound Results
February 2023

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	Influent Former Cleaners 23B1408-01 2/24/2023 Drinking Water		Midfluent Former Cleaners 23B1408-02 2/24/2023 Drinking Water		Effluent Former Cleaners 23B1408-03 2/24/2023 Drinking Water		Influent Salon 23B1408-06 2/24/2023 Drinking Water		Midfluent Salon 23B1408-05 2/24/2023 Drinking Water		Effluent Salon 23B1408-04 2/24/2023 Drinking Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER (ug/L)													
1,1,1,2-Tetrachloroethane	5	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U
1,1,1-Trichloroethane	5	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U
1,1,2,2-Tetrachloroethane	5	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U
1,1,2-Trichloroethane	1	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U
1,1-Dichloroethane	5	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U
1,1-Dichloroethylene	5	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U
1,1-Dichloropropylene	5	0.314	U	0.314	U	0.314	U	0.314	U	0.314	U	0.314	U
1,2,3-Trichlorobenzene	5	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U
1,2,3-Trichloropropane	0.04	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U
1,2,4,5-Tetramethylbenzene	~	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U
1,2,4-Trichlorobenzene	5	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U
1,2,4-Trimethylbenzene	5	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U
1,2-Dibromo-3-chloropropane	0.04	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U
1,2-Dibromoethane	0.0006	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U
1,2-Dichlorobenzene	3	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U
1,2-Dichloroethane	0.6	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U
1,2-Dichloropropane	1	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U
1,3,5-Trimethylbenzene	5	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U
1,3-Dichlorobenzene	3	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U
1,3-Dichloropropane	5	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U
1,4-Dichlorobenzene	3	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U
2,2-Dichloropropane	5	0.466	U	0.466	U	0.466	U	0.466	U	0.466	U	0.466	U
2-Butanone	50	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U
2-Chlorotoluene	5	0.376	U	0.376	U	0.376	U	0.376	U	0.376	U	0.376	U
2-Hexanone	50	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U
4-Chlorotoluene	5	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U
4-Methyl-2-pentanone	~	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U
Acetone	50	1.340	U	1.340	U	1.340	U	1.340	U	1.340	U	1.340	U
Benzene	1	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U
Bromobenzene	5	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U
Bromochloromethane	5	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U
Bromodichloromethane	50	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U
Bromoform	50	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U
Bromomethane	5	0.119	U	0.119	U	0.119	U	0.119	U	0.119	U	0.119	U
Carbon disulfide	~	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U
Carbon tetrachloride	5	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U
Chlorobenzene	5	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U
Chloroethane	5	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U
Chloroform	7	0.243	U	0.243	U	0.243	U	0.243	U	0.243	U	0.243	U
Chloromethane	5	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U
cis-1,2-Dichloroethylene	5	0.560		0.294	U	0.294	U	4.170		0.294	U	0.294	U
cis-1,3-Dichloropropylene	0.4	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U
Dibromochloromethane	50	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U
Dibromomethane	~	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U
Dichlorodifluoromethane	5	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U
Ethyl Benzene	5	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U
Hexachlorobutadiene	0.5	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U
Isopropylbenzene	5	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U
Methyl tert-butyl ether (MTBE)	10	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U
Methylene chloride	5	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U

Table 3

Former LaRussell's Cleaners Site
406 Route 52
Lake Carmel, New York
NYSDEC Site No. HW340020
Summary of POET System Volatile Organic Compound Results
February 2023

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	Influent Former Cleaners 23B1408-01 2/24/2023 Drinking Water		Midfluent Former Cleaners 23B1408-02 2/24/2023 Drinking Water		Effluent Former Cleaners 23B1408-03 2/24/2023 Drinking Water		Influent Salon 23B1408-06 2/24/2023 Drinking Water		Midfluent Salon 23B1408-05 2/24/2023 Drinking Water		Effluent Salon 23B1408-04 2/24/2023 Drinking Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Naphthalene	10	0.212	U	0.212	U	0.212	U	0.212	U	0.212	U	0.212	U
n-Butylbenzene	5	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U
n-Propylbenzene	5	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U
o-Xylene	5	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U
p- & m- Xylenes	~	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U
p-Diethylbenzene	~	0.341	U	0.341	U	0.341	U	0.341	U	0.341	U	0.341	U
p-Ethyltoluene	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Isopropyltoluene	5	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U
sec-Butylbenzene	5	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U
Styrene	5	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U
tert-Butylbenzene	5	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U
Tetrachloroethylene	5	2.170		0.239	U	0.239	U	**105**		0.239	U	0.239	U
Toluene	5	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U
trans-1,2-Dichloroethylene	5	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U
trans-1,3-Dichloropropylene	0.4	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U
Trichloroethylene	5	0.780		0.249	U	0.249	U	**5.080**		0.249	U	0.249	U
Trichlorofluoromethane	5	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U
Vinyl Chloride	2	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U
Xylenes, Total	5	0.836	U	0.836	U	0.836	U	0.836	U	0.836	U	0.836	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 4

Former LaRussell's Cleaners Site
406 Route 52
Lake Carmel, New York
NYSDEC Site No. HW340020
Summary of Monitoring Well Volatile Organic Compound Results
September 2019

Sample ID		MW-3S		MW-3D		MW-6		MW-8D	
York ID		19I1255-01		19I1255-02		19I1255-03		19I1255-04	
Sampling Date	NYSDEC AWQS	9/26/2019		9/26/2019		9/26/2019		9/26/2019	
Client Matrix		Water		Water		Water		Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 List - Low Level (ug/L)									
1,1,1,2-Tetrachloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U
1,1,1-Trichloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2,2-Tetrachloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloroethane	1	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethylene	5	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloropropylene	5	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichlorobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichloropropane	0.04	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4,5-Tetramethylbenzene	~	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4-Trichlorobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4-Trimethylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dibromo-3-chloropropane	0.04	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dibromoethane	0.0006	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichlorobenzene	3	0.200	U	0.280	J	0.200	U	0.200	U
1,2-Dichloroethane	0.6	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloropropane	1	0.200	U	0.200	U	0.200	U	0.200	U
1,3,5-Trimethylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichlorobenzene	3	0.200	U	0.200	J	0.200	U	0.200	U
1,3-Dichloropropane	5	0.200	U	0.200	U	0.200	U	0.200	U
1,4-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U	0.200	U
2,2-Dichloropropane	5	0.200	U	0.200	U	0.200	U	0.200	U
2-Butanone	50	0.200	U	0.200	U	0.200	U	0.200	U
2-Chlorotoluene	5	0.200	U	0.200	U	0.200	U	0.200	U
2-Hexanone	50	0.200	U	0.200	U	0.200	U	0.200	U
4-Chlorotoluene	5	0.200	U	0.200	U	0.200	U	0.200	U
4-Methyl-2-pentanone	~	0.200	U	0.200	U	0.200	U	0.200	U
Acetone	50	2		1.800	J	1.600	J	1.600	J
Benzene	1	0.200	U	0.200	U	0.200	U	0.200	U
Bromobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U
Bromochloromethane	5	0.200	U	0.200	U	0.200	U	0.200	U
Bromodichloromethane	50	0.200	U	0.200	U	0.200	U	0.200	U
Bromoform	50	0.200	U	0.200	U	0.200	U	0.200	U
Bromomethane	5	0.200	U	0.200	U	0.200	U	0.200	U
Carbon disulfide	~	0.200	U	0.200	U	0.200	U	0.200	U
Carbon tetrachloride	5	0.200	U	0.200	U	0.200	U	0.200	U
Chlorobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U
Chloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U
Chloroform	7	0.200	U	0.200	U	0.200	U	0.200	U
Chloromethane	5	0.200	U	0.200	U	0.200	U	0.200	U
cis-1,2-Dichloroethylene	5	0.800		**9.400**		**11**		0.200	U
cis-1,3-Dichloropropylene	0.4	0.200	U	0.200	U	0.200	U	0.200	U
Dibromochloromethane	50	0.200	U	0.200	U	0.200	U	0.200	U
Dibromomethane	~	0.200	U	0.200	U	0.200	U	0.200	U
Dichlorodifluoromethane	5	0.200	U	0.200	U	0.200	U	0.200	U
Ethyl Benzene	5	0.200	U	0.200	U	0.200	U	0.200	U
Hexachlorobutadiene	0.5	0.200	U	0.200	U	0.200	U	0.200	U
Isopropylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U
Methyl tert-butyl ether (MTBE)	10	0.200	U	0.200	U	0.200	U	0.200	U
Methylene chloride	5	1	U	1	U	1	U	1	U
Naphthalene	10	1	U	1	U	1	U	1	U
n-Butylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U
n-Propylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U
o-Xylene	5	0.200	U	0.200	U	0.200	U	0.200	U
p- & m- Xylenes	5	0.500	U	0.500	U	0.500	U	0.500	U
p-Diethylbenzene	~	0.200	U	0.200	U	0.200	U	0.200	U
p-Ethyltoluene	~	0.200	U	0.200	U	0.200	U	0.200	U
p-Isopropyltoluene	5	0.200	U	0.200	U	0.200	U	0.200	U
sec-Butylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U
Styrene	5	0.200	U	0.200	U	0.200	U	0.200	U
tert-Butylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U
Tetrachloroethylene	5	4.800		**52**		**51**		1.300	
Toluene	5	0.200	U	0.200	U	0.200	U	0.200	U

Table 4

Former LaRussell's Cleaners Site
406 Route 52
Lake Carmel, New York
NYSDEC Site No. HW340020
Summary of Monitoring Well Volatile Organic Compound Results
September 2019

Sample ID York ID Sampling Date Client Matrix	NYSDEC AWQS	MW-3S 19I1255-01 9/26/2019 Water		MW-3D 19I1255-02 9/26/2019 Water		MW-6 19I1255-03 9/26/2019 Water		MW-8D 19I1255-04 9/26/2019 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
trans-1,2-Dichloroethylene	5	0.200	U	0.340	J	**9.500**		0.200	U
trans-1,3-Dichloropropylene	0.4	0.200	U	0.200	U	0.200	U	0.200	U
Trichloroethylene	5	0.900		**11**		3.300		0.200	U
Trichlorofluoromethane	5	0.200	U	0.200	U	0.200	U	0.200	U
Vinyl Chloride	2	0.200	U	0.200	U	0.200	U	0.200	U
Xylenes, Total	5	0.600	U	0.600	U	0.600	U	0.600	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 5

Former LaRussell's Cleaners Site
406 Route 52
Lake Carmel, New York
NYSDEC Site No. HW340020
Summary of Monitoring Well Volatile Organic Compound Results
February 2023

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-3S 23B1411-05 2/24/2023 Water		MW-3D 23B1411-03 2/24/2023 Water		MW-6 23B1410-01 2/27/2023 Water		MW-8D 19I1255-04 9/26/2019 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 List - Low Level (ug/L)									
1,1,1,2-Tetrachloroethane	5	0.216	U	0.216	U	0.216	U	NT	
1,1,1-Trichloroethane	5	0.266	U	0.266	U	0.266	U	NT	
1,1,2,2-Tetrachloroethane	5	0.256	U	0.256	U	0.256	U	NT	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.286	U	0.286	U	0.286	U	NT	
1,1,2-Trichloroethane	1	0.249	U	0.249	U	0.249	U	NT	
1,1-Dichloroethane	5	0.272	U	0.272	U	0.272	U	NT	
1,1-Dichloroethylene	5	0.327	U	0.327	U	0.327	U	NT	
1,1-Dichloropropylene	5	0.314	U	0.314	U	0.314	U	NT	
1,2,3-Trichlorobenzene	5	0.222	U	0.222	U	0.222	U	NT	
1,2,3-Trichloropropane	0.04	0.273	U	0.273	U	0.273	U	NT	
1,2,4,5-Tetramethylbenzene	~	1.010		0.255	U	0.255	U	NT	
1,2,4-Trichlorobenzene	5	0.138	U	0.138	U	0.138	U	NT	
1,2,4-Trimethylbenzene	5	0.310	U	0.310	U	0.310	U	NT	
1,2-Dibromo-3-chloropropane	0.04	0.432	U	0.432	U	0.432	U	NT	
1,2-Dibromoethane	0.0006	0.215	U	0.215	U	0.215	U	NT	
1,2-Dichlorobenzene	3	0.270	U	0.270	U	0.270	U	NT	
1,2-Dichloroethane	0.6	0.377	U	0.377	U	0.377	U	NT	
1,2-Dichloropropane	1	0.327	U	0.327	U	0.327	U	NT	
1,3,5-Trimethylbenzene	5	0.347	U	0.347	U	0.347	U	NT	
1,3-Dichlorobenzene	3	0.283	U	0.283	U	0.283	U	NT	
1,3-Dichloropropane	5	0.260	U	0.260	U	0.260	U	NT	
1,4-Dichlorobenzene	3	0.311	U	0.311	U	0.311	U	NT	
2,2-Dichloropropane	5	0.466	U	0.466	U	0.466	U	NT	
2-Butanone	50	0.421	U	0.421	U	0.421	U	NT	
2-Chlorotoluene	5	0.376	U	0.376	U	0.376	U	NT	
2-Hexanone	50	0.320	U	0.320	U	0.320	U	NT	
4-Chlorotoluene	5	0.311	U	0.311	U	0.311	U	NT	
4-Methyl-2-pentanone	~	0.365	U	0.365	U	0.365	U	NT	
Acetone	50	1.340	U	1.340	U	1.340	U	NT	
Benzene	1	0.279	U	0.279	U	0.279	U	NT	
Bromobenzene	5	0.367	U	0.367	U	0.367	U	NT	
Bromochloromethane	5	0.354	U	0.354	U	0.354	U	NT	
Bromodichloromethane	50	0.245	U	0.245	U	0.245	U	NT	
Bromoform	50	0.163	U	0.163	U	0.163	U	NT	
Bromomethane	5	0.119	U	0.119	U	0.119	U	NT	
Carbon disulfide	~	0.362	U	0.362	U	0.362	U	NT	
Carbon tetrachloride	5	0.204	U	0.204	U	0.204	U	NT	
Chlorobenzene	5	0.284	U	0.284	U	0.284	U	NT	
Chloroethane	5	0.448	U	0.448	U	0.448	U	NT	
Chloroform	7	0.243	U	0.243	U	0.243	U	NT	
Chloromethane	5	0.372	U	0.372	U	0.372	U	NT	
cis-1,2-Dichloroethylene	5	0.294	U	**65.600**		4.600		NT	
cis-1,3-Dichloropropylene	0.4	0.262	U	0.262	U	0.262	U	NT	
Dibromochloromethane	50	0.146	U	0.146	U	0.146	U	NT	
Dibromomethane	~	0.203	U	0.203	U	0.203	U	NT	
Dichlorodifluoromethane	5	0.451	U	0.451	U	0.451	U	NT	
Ethyl Benzene	5	0.290	U	0.290	U	0.290	U	NT	
Hexachlorobutadiene	0.5	0.241	U	0.241	U	0.241	U	NT	
Isopropylbenzene	5	0.405	U	0.405	U	0.405	U	NT	
Methyl tert-butyl ether (MTBE)	10	0.244	U	0.270	J	0.244	U	NT	
Methylene chloride	5	0.397	U	0.397	U	0.397	U	NT	
Naphthalene	10	0.212	U	0.212	U	0.212	U	NT	
n-Butylbenzene	5	0.399	U	0.399	U	0.399	U	NT	
n-Propylbenzene	5	0.384	U	0.384	U	0.384	U	NT	
o-Xylene	5	0.261	U	0.261	U	0.261	U	NT	
p- & m- Xylenes	~	0.578	U	0.578	U	0.578	U	NT	
p-Diethylbenzene	~	0.341	U	0.341	U	0.341	U	NT	
p-Ethyltoluene	~	0.200	U	0.200	U	0.200	U	NT	
p-Isopropyltoluene	5	0.377	U	0.377	U	0.377	U	NT	
sec-Butylbenzene	5	0.444	U	0.444	U	0.444	U	NT	
Styrene	5	0.255	U	0.255	U	0.255	U	NT	
tert-Butylbenzene	5	0.367	U	0.367	U	0.367	U	NT	
Tetrachloroethylene	5	**13**		**210**	D	**92.300**		NT	
Toluene	5	0.346	U	0.346	U	0.346	U	NT	

Table 5

Former LaRussell's Cleaners Site
406 Route 52
Lake Carmel, New York
NYSDEC Site No. HW340020
Summary of Monitoring Well Volatile Organic Compound Results
February 2023

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-3S 23B1411-05 2/24/2023 Water		MW-3D 23B1411-03 2/24/2023 Water		MW-6 23B1410-01 2/27/2023 Water		MW-8D 19I1255-04 9/26/2019 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
trans-1,2-Dichloroethylene	5	0.279	U	0.630		0.279	U	NT	
trans-1,3-Dichloropropylene	0.4	0.229	U	0.229	U	0.229	U	NT	
Trichloroethylene	5	1.440		**61.800**		**5.250**		NT	
Trichlorofluoromethane	5	0.337	U	0.337	U	0.337	U	NT	
Vinyl Chloride	2	0.469	U	0.469	U	0.469	U	NT	
Xylenes, Total	5	0.836	U	0.836	U	0.836	U	NT	

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 6

Former LaRussell's Cleaners Site
406 Route 52
Lake Carmel, New York
NYSDEC Site No. HW340020
Comparison of Contaminants of Concern 2019 - 2023

Sample Source	NYSDEC AWQS	Former Cleaners POET Influent			Hair Salon POET Influent		
Sampling Date		2/28/2019	9/26/2019	2/24/2023	2/28/2019	9/26/2019	2/23/2024
Compound		Result	Result	Result	Result	Result	Result
cis-1,2-Dichloroethylene (DCE)	5	**13**	**7.8**	ND	4.5	4.0	4.2
Tetrachloroethylene (PCE)	5	**59**	**41**	2.2	**82**	**110**	**105**
Trichloroethylene (TCE)	5	**20**	**12**	0.8	**5.2**	3.8	**5.1**
Sample Source	**NYSDEC AWQS**	**MW-3S**			**MW-3D**		
Sampling Date		**2/28/2019**	**9/26/2019**	**2/24/2023**	**2/28/2019**	**9/26/2019**	**2/24/2023**
Compound		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
cis-1,2-Dichloroethylene (DCE)	5	1.6	0.8	0.3	**16**	**9.4**	**65.6**
Tetrachloroethylene (PCE)	5	**12**	4.8	**13**	**37**	**52**	**210**
Trichloroethylene (TCE)	5	1.8	0.9	1.4	3.9	**11**	**61.8**
Sample Source	**NYSDEC AWQS**	**MW-6**			**MW-8D**		
Sampling Date		**2/28/2019**	**9/26/2019**	**2/27/2023**	**2/28/2019**	**9/26/2019**	**2/24/2023**
Compound		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
cis-1,2-Dichloroethylene (DCE)	5	**11**	**11**	**4.6**	0.68	ND	NT
Tetrachloroethylene (PCE)	5	**69**	**51**	**92.3**	4.1	1.3	NT
Trichloroethylene (TCE)	5	**12**	3.3	**5.2**	0.76	ND	NT

NOTES:

All concentrations listed in micrograms per liter (µg/L).

Table 7

Former LaRussell's Cleaners Site
406 Route 52
Lake Carmel, New York
NYSDEC Site No. HW340020
Summary of Monitoring Well and POET System Emerging Contaminant Results
February 2023

Sample ID York ID Sampling Date Client Matrix	NYDEC Part 375 PFAS Remedial Program Water Oct 2020	MW-3D 23B1411-03 2/24/2023 Water		MW-3D PFAS 23B1411-06 2/24/2023 Water		MW-8D 23B1411-09 2/24/2023 Water		MW-3D Field Blank 23B1411-07 2/24/2023 Water		MW-8D Field Blank 23B1411-08 2/24/2023 Water		Sample ID York ID Sampling Date Client Matrix	NYDEC Part 375 PFAS Remedial Program Water Oct 2020	Former Cleaners Pre Treatment 23B1452-01 2/24/2023 Drinking Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	**Compound**		Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous (ug/L)															
1,4-Dioxane	~	0.300	U	NT		NT		NT		NT		1,4-Dioxane	~	NT	
PFAS by EPA 537 m (ng/L)												**PFAS, EPA 537.1 List (ng/L)**			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	100	NT		10	U	2	U	2	U	2	U	11CL-PF3OUdS	100	1.470	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	100	NT		5	U	5	U	5	U	5	U	9CL-PF3ONS	100	1.470	U
N-EtFOSAA	100	NT		2	U	2	U	2	U	2	U	N-EtFOSAA	100	1.470	U
N-MeFOSAA	100	NT		2	U	2	U	2	U	2	U	N-MeFOSAA	100	1.470	U
Perfluoro-1-decanesulfonic acid (PFDS)	100	NT		2	J	2	U	2	U	2	U	ADONA	100	1.470	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	100	NT		2	J	2	U	2	U	2	U	HFPO-DA (Gen-X)	100	1.470	U
Perfluoro-1-octanesulfonamide (FOSA)	100	NT		2	J	2	U	2	U	2	U				
Perfluorobutanesulfonic acid (PFBS)	100	NT		11.400		20.100		2	U	2	U	Perfluorobutanesulfonic acid (PFBS)	100	5.290	
Perfluorodecanoic acid (PFDA)	100	NT		2	J	2	J	2	U	2	U	Perfluorodecanoic acid (PFDA)	100	1.470	U
Perfluorododecanoic acid (PFDoA)	100	NT		2	U	2	U	2	U	2	U	Perfluorododecanoic acid (PFDoA)	100	1.470	U
Perfluoroheptanoic acid (PFHpA)	100	NT		6.520		6.540		2	U	2	U	Perfluoroheptanoic acid (PFHpA)	100	1.470	U
Perfluorohexanesulfonic acid (PFHxS)	100	NT		4.260		3.190		2	U	2	U	Perfluorohexanesulfonic acid (PFHxS)	100	1.470	U
Perfluorohexanoic acid (PFHxA)	100	NT		12.600		10.800		2	U	2	U	Perfluorohexanoic acid (PFHxA)	100	2.980	
Perfluoro-n-butanoic acid (PFBA)	100	NT		6.190		5.620		2	U	2	U				
Perfluorononanoic acid (PFNA)	100	NT		2	J	2	J	2	U	2	U	Perfluorononanoic acid (PFNA)	100	1.470	U
Perfluorooctanesulfonic acid (PFOS)	10	NT		**33.300**		**13.600**		2	U	2	U	Perfluorooctanesulfonic acid (PFOS)	10	1.770	
Perfluorooctanoic acid (PFOA)	10	NT		**13.500**		**13.100**		2	U	2	U	Perfluorooctanoic acid (PFOA)	10	1.510	
Perfluoropentanoic acid (PFPeA)	100	NT		14.800		15.300		2	U	2	U				
Perfluorotetradecanoic acid (PFTA)	100	NT		2	U	2	U	2	U	2	U	Perfluorotetradecanoic acid (PFTA)	100	1.470	U
Perfluorotridecanoic acid (PFTrDA)	100	NT		2	U	2	U	2	U	2	U	Perfluorotridecanoic acid (PFTrDA)	100	1.470	U
Perfluoroundecanoic acid (PFUnA)	100	NT		2	U	2	U	2	U	2	U	Perfluoroundecanoic acid (PFUnA)	100	1.470	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

APPENDICES

APPENDIX A:

Environmental Easement Survey

SURVEY OF PROPERTY
SITUATE IN THE
TOWN OF KENT
PUTNAM COUNTY
NEW YORK
DEC Site No. 340020

SCALE : 1"= 20'
SURVEYED : OCTOBER 12, 2013

GRAPHIC SCALE
IN FEET

20' 0 10' 20' 40' 80'

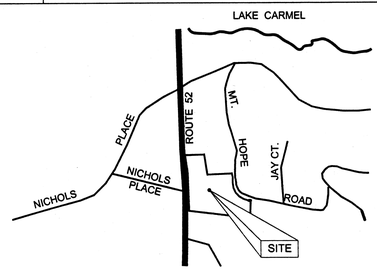
1 inch = 50 ft

IN METERS

6.0 m 0 3.0 m 6.0 m 12.0 m 18.0 m 24.0 m 30.0 m

2 cm = 6.0m

4832 | SITE MAP



Description of Site Area

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, WITH THE BUILDINGS AND IMPROVEMENTS THEREON ERECTED, SITUATE, LYING AND BEING IN THE TOWN OF KENT, COUNTY OF PUTNAM, STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE EASTERLY SIDE OF ROUTE 52 WHERE THE SAME IS INTERSECTED BY THE DIVISION LINE BETWEEN LOT 15340 AS SHOWN ON "FOURTEEN MAP OF LAKE CARMEL " DATED AUG. 18,1930 AS FILED MAP No. 130-L AND LAND NOW OR FORMERLY HALL;

THENCE RUNNING ALONG THE EASTERLY SIDE OF ROUTE 52 AS SHOWN ON FILED MAP No. 130-L NORTH 22°21'20" EAST 176.00 FEET AND NORTH 15° 01'10" EAST 58.59 FEET TO THE DIVISION LINE BETWEEN LOT 15351 AND LOT 15352 THENCE ALONG SAID DIVISION LINE SOUTH 74°58'50" EAST 100.00 FEET TO THE DIVISION LINE BETWEEN LOT 15351 AND 15397 OF SAID FILED MAP;

THENCE RUNNING ALONG SAID DIVISION LINE AND ALONG THE DIVISION LINE BETWEEN LOT 15350 AND 15349 ON THE WEST AND LOTS , 15398, 15399 ON THE EAST SOUTH 15°01'10" WEST 63.92 FEET TO THE DIVISION LINE BETWEEN LOT 15399 AND 15400;

THENCE ALONG SAID DIVISION LINE SOUTH 76° 58'20" EAST 80.12 FEET TO THE WESTERLY SIDE OF MOUNT HOPE ROAD;
THENCE SOUTHERLY ALONG THE WESTERLY SIDE OF MT. HOPE ROAD ALONG A CURVE TO THE LEFT HAVING A RADIUS OF 75.117 LENGTH 2.75 FEET TO A POINT OF TANGENCY AND SOUTH 13°01'40" WEST 37.225 FEET TO THE A POINT OF CURVE;

THENCE CONTINUING ALONG THE SOUTHWESTERLY SIDE OF MT. HOPE ON A CURVE TO THE LEFT HAVING A RADIUS OF 100.00 FEET LENGTH 127.41 FEET TO A PONT OF TANGENCY AND SOUTH 59°58'20" EAST 20.00 FEET TO THE DIVISION LINE BETWEEN LOT 15411 AND 15412;

THENCE ALONG SAID DIVISION LINE SOUTH 30°01'40" WEST 64.11 FEET TO THE DIVISION LINE BETWEEN LOT 15411 AND LAND NOW OR FORMERLY VACIRA;

THENCE RUNNING ALONG LAND NOW OR FORMERLY VACIRA ON THE SOUTH AND LOTS 15411,15410,15409,15408,15407,15406, NORTH 69° 14'50" WEST 182.03 FEET TO A CROSSCUT ON THE DIVISION LINE BETWEEN LAND NOW OR FORMERLY HALL ON THE SOUTH AND LOT 15340 ON THE NORTH ;

THENCE RUNNING ALONG SAID DIVISION LINE SOUTH 69°14'50" WEST 100.04 FEET TO THE POINT AND PLACE OF BEGINNING

CONTAINING 1.1131 ACRES / 48,218 Sq. Ft.

ENVIRONMENTAL EASEMENT AREA

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, WITH THE BUILDINGS AND IMPROVEMENTS THEREON ERECTED, SITUATE, LYING AND BEING IN THE TOWN OF KENT, COUNTY OF PUTNAM, STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE EASTERLY SIDE OF ROUTE 52 WHERE THE SAME IS INTERSECTED BY THE DIVISION LINE BETWEEN LOT 15340 AS SHOWN ON "FOURTEEN MAP OF LAKE CARMEL " DATED AUG. 18,1930 AS FILED MAP No. 130-L AND LAND NOW OR FORMERLY HALL;

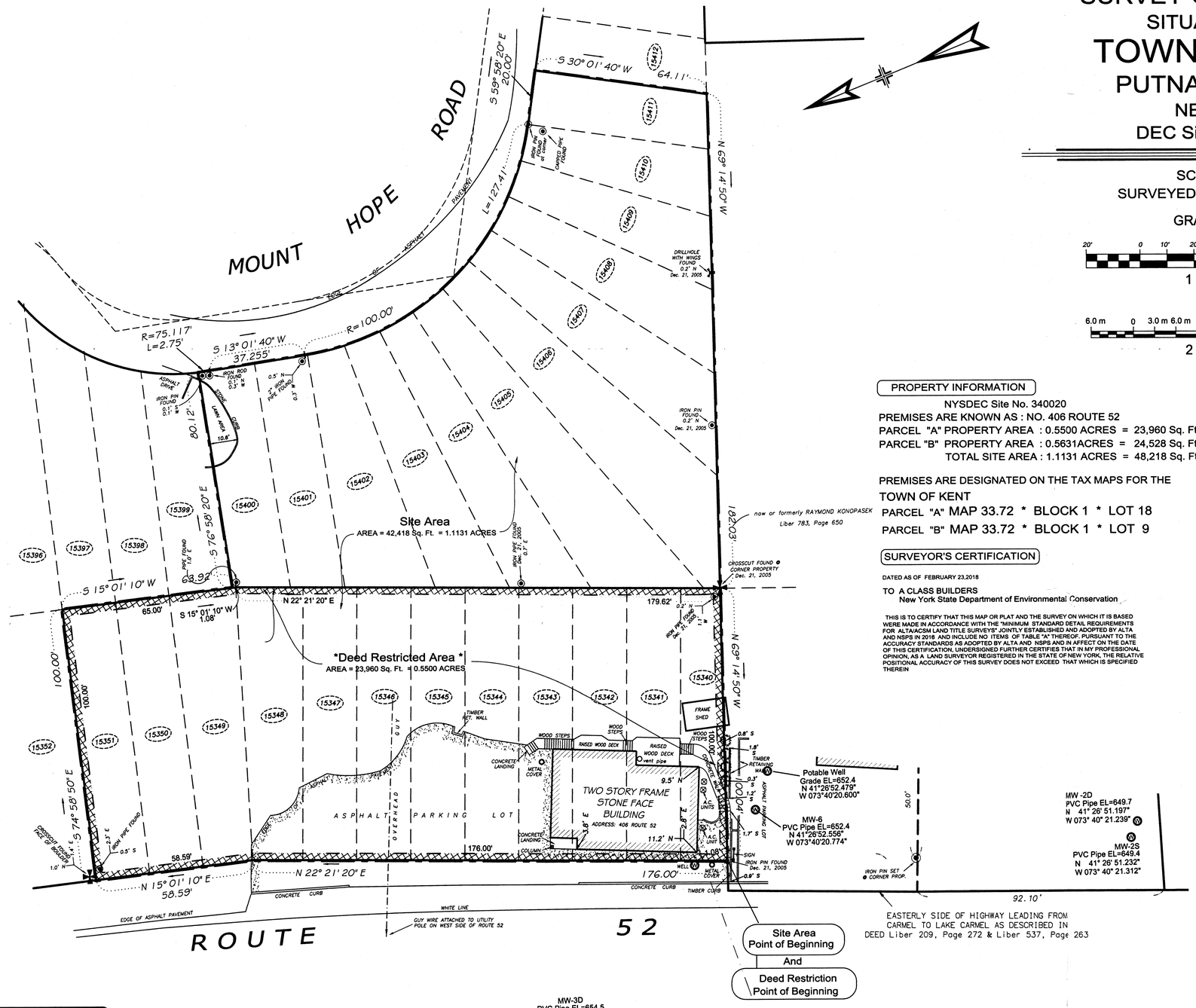
THENCE RUNNING ALONG THE EASTERLY SIDE OF ROUTE 52 AS SHOWN ON FILED MAP No. 130-L NORTH 22°21'20" EAST 176.00 FEET AND NORTH 15° 01'10" EAST 58.59 FEET TO THE DIVISION LINE BETWEEN LOT 15351 AND LOT 15352 THENCE ALONG SAID DIVISION LINE SOUTH 74°58'50" EAST 100.00 FEET TO THE DIVISION LINE BETWEEN LOT 15351 AND 15397 OF SAID FILED MAP;

THENCE RUNNING ALONG SAID DIVISION LINE AND ALONG THE DIVISION LINE BETWEEN LOT 15350 AND 15349 ON THE WEST AND LOTS , 15398, 15399 ON THE EAST SOUTH 15°01'10" WEST 65.00 FEET TO A POINT ON THE DIVISION LINE BETWEEN LOT 15349 AND 15348;

THENCE ALONG THE DIVISION LINES BETWEEN LOT 15400 THRU 15406 ON THE EAST AND 1534 THRU 15340 ON THE WEST SOUTH 22°21'20" EAST 179.62 FEET TO A CROSSCUT AND BEING THE DIVISION LINE BETWEEN LOT 15340 ON THE NORTH AND LAND NOW OR FORMERLY HALL ON THE SOUTH

THENCE RUNNING ALONG SAID DIVISION LINE SOUTH 69°14'50" WEST 100.04 FEET TO THE POINT AND PLACE OF BEGINNING

CONTAINING 0.5500 ACRES / 23,960 Sq. Ft.



WELL LOCATION DEPICTED HEREON ARE NOT TO SCALE
N.T.S.

PROPERTY INFORMATION

NYSDEC Site No. 340020
PREMISES ARE KNOWN AS : NO. 406 ROUTE 52
PARCEL "A" PROPERTY AREA : 0.5500 ACRES = 23,960 Sq. Ft.
PARCEL "B" PROPERTY AREA : 0.5631ACRES = 24,528 Sq. Ft.
TOTAL SITE AREA : 1.1131 ACRES = 48,218 Sq. Ft.

PREMISES ARE DESIGNATED ON THE TAX MAPS FOR THE TOWN OF KENT
PARCEL "A" MAP 33.72 * BLOCK 1 * LOT 18
PARCEL "B" MAP 33.72 * BLOCK 1 * LOT 9

SURVEYOR'S CERTIFICATION

DATED AS OF FEBRUARY 23,2018

TO A CLASS BUILDERS
New York State Department of Environmental Conservation

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE "MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS" JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS IN 2016 AND INCLUDE NO ITEMS OF TABLE "A" THEREOF. PURSUANT TO THE ACCURACY STANDARDS AS ADOPTED BY ALTA AND NSPS AND IN AFFECT ON THE DATE OF THIS CERTIFICATION, UNDERSIGNED FURTHER CERTIFIES THAT IN MY PROFESSIONAL OPINION, AS A LAND SURVEYOR REGISTERED IN THE STATE OF NEW YORK, THE RELATIVE POSITIONAL ACCURACY OF THIS SURVEY DOES NOT EXCEED THAT WHICH IS SPECIFIED THEREIN

SURVEYORS NOTES:

- PARCEL "A"
  THE PREMISES SHOWN HEREON DESIGNATED AS LOTS 15340,15341, 15342, 15343, 15344,15345, 15346, 15347, 15348, 15349, 15350 & 15351 AS SHOWN ON A CERTAIN MAP ENTITLED " FOURTEEN MAP OF LAKE CARMEL" FILED IN THE PUTNAM COUNTY CLERK'S OFFICE ON AUGUST 18, 1930 AS FILED MAP No. 130-L.
- PARCEL "B"
  THE PREMISES SHOWN HEREON DESIGNATED AS LOTS 15400, 15401, 15402, 15403, 15404, 15405, 15406, 15407, 15408, 15409, 15410 & 15411 AS SHOWN ON A CERTAIN MAP ENTITLED " FOURTEEN MAP OF LAKE CARMEL" FILED IN THE PUTNAM COUNTY CLERK'S OFFICE ON AUGUST 18, 1930 AS FILED MAP No. 130-L.
- SURVEY IS SUBJECT TO ANY STATE OF FACTS WHICH AN UP-TO-DATE TITLE EXAMINATION MAY DISCLOSE.
- ENCROACHMENTS BELOW GRADE AND/OR SUBSURFACE FEATURES, IF ANY, NOT LOCATED OR SHOWN HEREON.
- THE OFFSETS SHOWN ARE FOR INFORMATIONAL PURPOSE ONLY. THEY ARE NOT INTENDED TO ESTABLISH PROPERTY LINES FOR THE ERECTION OF FENCES, STRUCTURES OR ANY OTHER IMPROVEMENT.
- THE SURVEY SHOWN HEREON WAS PREPARED FROM AN ACTUAL FIELD SURVEY CONDUCTED ON THE DATE SHOWN AND THAT SAID SURVEY WAS PERFORMED IN ACCORDANCE WITH THE EXISTING " CODE OF PRACTICE FOR LAND SURVEYS " ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS.
- UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAWS.
- ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S SEAL SHALL BE CONSIDERED TO BE TRUE VALID COPIES.

Link
Land Surveyors P.C.
21 Clark Place Suite 1B
Mahopac N.Y. 10541
Phone 845-628-5857
Fax 845-621-0613

JOSEPH R. LINK
NEW YORK STATE LICENSED LAND SURVEYOR NO. 050456

STATE OF NEW YORK JOSEPH R. LINK 050456 LICENSED LAND SURVEYOR

NEW YORK STATE LICENSED LAND SURVEYOR SEAL

LINE TYPES

Site Area

* Deed Restricted Area *

THE ENGINEERING AND INSTITUTIONAL CONTROLS NOTE:

THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICAL 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT AREA ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION. 625 BROADWAY, ALBANY, NY 12233 OR AT derweb@gw.dec.state.ny.us.

RESTRICTED AREA ACCESS
THE DEC OR THEIR AGENT MAY ACCESS THE RESTRICTED AREA AS SHOWN HEREON THROUGH ANY EXISTING STREET ACCESS OR BUILDING INGRESS / EGRESS ACCESS POINT.

APPENDIX B:

Laboratory Analytical Reports for POET System and Groundwater Sampling

Technical Report

prepared for:

Hydro Environmental Solutions
2 Center Street
Croton Falls NY, 10519
Attention: Bill Canavan

Report Date: 03/30/2023
Client Project ID: 406 Route 52 Carmel, New York
York Project (SDG) No.: 23B1408

Revision No. 1.0

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

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

Report Date: 03/30/2023
Client Project ID: 406 Route 52 Carmel, New York
York Project (SDG) No.: 23B1408

Hydro Environmental Solutions
2 Center Street
Croton Falls NY, 10519
Attention: Bill Canavan

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 February 27, 2023 and listed below. The project was identified as your project: **406 Route 52 Carmel, New York**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23B1408-01	Influent Former Cleaners	Drinking Water	02/24/2023	02/27/2023
23B1408-02	Midfluent Former Cleaners	Drinking Water	02/24/2023	02/27/2023
23B1408-03	Effluent Former Cleaners	Drinking Water	02/24/2023	02/27/2023
23B1408-04	Effluent Salon	Drinking Water	02/24/2023	02/27/2023
23B1408-05	Midfluent Salon	Drinking Water	02/24/2023	02/27/2023
23B1408-06	Influent Salon	Drinking Water	02/24/2023	02/27/2023

General Notes for York Project (SDG) No.: 23B1408

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

Approved By:  **Date:** 03/30/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **Influent Former Cleaners** **York Sample ID:** **23B1408-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 NELAC-NY10854,NELAC-NY12058,NJDEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: **Influent Former Cleaners** **York Sample ID:** **23B1408-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 05:10	JTG
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 05:10	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 05:10	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
156-59-2	**cis-1,2-Dichloroethylene**	**0.560**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/02/2023 05:10	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 05:10	JTG

Sample Information

Client Sample ID: **Influent Former Cleaners** **York Sample ID:** **23B1408-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 05:10	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 05:10	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 05:10	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/02/2023 05:10	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/02/2023 05:10	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:10	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
127-18-4	**Tetrachloroethylene**	**2.17**		ug/L	0.239	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/02/2023 05:10	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
79-01-6	**Trichloroethylene**	**0.780**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/02/2023 05:10	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG

Sample Information

Client Sample ID: **Influent Former Cleaners** **York Sample ID:** **23B1408-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:10	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/02/2023 05:10	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.3 %*	*79-122*

Sample Information

Client Sample ID: **Midfluent Former Cleaners** **York Sample ID:** **23B1408-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP	03/02/2023 05:36	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 05:36	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 05:36	JTG
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG

Sample Information

Client Sample ID: **Midfluent Former Cleaners** **York Sample ID:** **23B1408-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 05:36	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 05:36	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 05:36	JTG
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 05:36	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 05:36	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 05:36	JTG

Sample Information

Client Sample ID: **Midfluent Former Cleaners** **York Sample ID:** **23B1408-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG

Sample Information

Client Sample ID: **Midfluent Former Cleaners** **York Sample ID:** **23B1408-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 05:36	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.1 %*	*79-122*

Sample Information

Client Sample ID: **Effluent Former Cleaners** **York Sample ID:** **23B1408-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: **Effluent Former Cleaners** **York Sample ID:** **23B1408-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 NELAC-NY10854,NELAC-NY12058,NJDEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: **Effluent Former Cleaners** **York Sample ID:** **23B1408-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: **Effluent Former Cleaners** **York Sample ID:** **23B1408-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: **Effluent Former Cleaners** **York Sample ID:** **23B1408-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/02/2023 06:03	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.1 %*	*79-122*

Sample Information

Client Sample ID: **Effluent Salon** **York Sample ID:** **23B1408-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP	03/02/2023 06:30	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 06:30	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 06:30	JTG
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 06:30	JTG

Sample Information

Client Sample ID: **Effluent Salon** **York Sample ID:** **23B1408-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: **Effluent Salon** **York Sample ID:** **23B1408-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:30	JTG

Sample Information

Client Sample ID: **Effluent Salon** **York Sample ID:** **23B1408-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:30	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/02/2023 06:30	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.5 %*	*79-122*

Sample Information

Client Sample ID: **Midfluent Salon** **York Sample ID:** **23B1408-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG

Sample Information

Client Sample ID: **Midfluent Salon** **York Sample ID:** **23B1408-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 NELAC-NY10854,NELAC-NY12058,NJDEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: **Midfluent Salon** **York Sample ID:** **23B1408-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: **Midfluent Salon** **York Sample ID:** **23B1408-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 06:56	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 06:56	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/02/2023 06:56	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/02/2023 06:56	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 06:56	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 06:56	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/02/2023 06:56	JTG

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **Midfluent Salon** **York Sample ID:** **23B1408-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.1 %*			*79-122*						

Sample Information

Client Sample ID: **Influent Salon** **York Sample ID:** **23B1408-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23 NELAC-NY10854,NELAC-NY12058,NJDEP	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: **Influent Salon** **York Sample ID:** **23B1408-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: **Influent Salon** **York Sample ID:** **23B1408-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	**cis-1,2-Dichloroethylene**	**4.17**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: **Influent Salon** **York Sample ID:** **23B1408-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1408	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	03/01/2023 06:25	03/02/2023 07:23	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	03/01/2023 06:25	03/02/2023 07:23	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**105**		ug/L	0.239	0.500	1	EPA 8260C	03/01/2023 06:25	03/02/2023 07:23	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	03/01/2023 06:25	03/02/2023 07:23	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C	03/01/2023 06:25	03/02/2023 07:23	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C	03/01/2023 06:25	03/02/2023 07:23	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	**Trichloroethylene**	**5.08**		ug/L	0.249	0.500	1	EPA 8260C	03/01/2023 06:25	03/02/2023 07:23	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	03/01/2023 06:25	03/02/2023 07:23	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C	03/01/2023 06:25	03/02/2023 07:23	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	03/01/2023 06:25	03/02/2023 07:23	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.5 %*	*79-122*

Analytical Batch Summary

Batch ID: BC30136 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23B1408-01	Influent Former Cleaners	03/01/23
23B1408-02	Midfluent Former Cleaners	03/01/23
23B1408-03	Effluent Former Cleaners	03/01/23
23B1408-04	Effluent Salon	03/01/23
23B1408-05	Midfluent Salon	03/01/23
23B1408-06	Influent Salon	03/01/23
BC30136-BLK1	Blank	03/01/23
BC30136-BS1	LCS	03/01/23
BC30136-BSD1	LCS Dup	03/01/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
Blank (BC30136-BLK1)											
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	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	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	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Bromobenzene	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	"								
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	"								

Prepared: 03/01/2023 Analyzed: 03/02/2023

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
Blank (BC30136-BLK1)											Prepared: 03/01/2023 Analyzed: 03/02/2023
Methyl tert-butyl ether (MTBE)	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	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-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
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	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BC30136-BS1)											Prepared: 03/01/2023 Analyzed: 03/02/2023
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126				
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136				
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165				
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	11.2		"	10.0		112	68-138				
1,1-Dichloropropylene	10.4		"	10.0		104	83-133				
1,2,3-Trichlorobenzene	9.54		"	10.0		95.4	76-136				
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128				
1,2,4,5-Tetramethylbenzene	10.2		"	10.0		102	85-140				
1,2,4-Trichlorobenzene	8.95		"	10.0		89.5	76-137				
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132				
1,2-Dibromo-3-chloropropane	9.24		"	10.0		92.4	45-147				
1,2-Dibromoethane	10.4		"	10.0		104	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	10.6		"	10.0		106	73-132				
1,2-Dichloropropane	11.4		"	10.0		114	78-126				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131				
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122				
1,3-Dichloropropane	10.7		"	10.0		107	81-125				
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124				
2,2-Dichloropropane	9.75		"	10.0		97.5	56-150				
2-Butanone	10.4		"	10.0		104	49-152				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
LCS (BC30136-BS1)									Prepared: 03/01/2023 Analyzed: 03/02/2023		
2-Chlorotoluene	11.0		ug/L	10.0		110	79-130				
2-Hexanone	10.6		"	10.0		106	51-146				
4-Chlorotoluene	11.0		"	10.0		110	79-128				
4-Methyl-2-pentanone	11.9		"	10.0		119	57-145				
Acetone	12.7		"	10.0		127	14-150				
Benzene	10.5		"	10.0		105	85-126				
Bromobenzene	10.9		"	10.0		109	78-129				
Bromochloromethane	11.1		"	10.0		111	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	8.93		"	10.0		89.3	78-133				
Bromomethane	5.09		"	10.0		50.9	43-168				
Carbon disulfide	11.0		"	10.0		110	68-146				
Carbon tetrachloride	10.7		"	10.0		107	77-141				
Chlorobenzene	11.0		"	10.0		110	88-120				
Chloroethane	10.2		"	10.0		102	65-136				
Chloroform	10.3		"	10.0		103	82-128				
Chloromethane	8.16		"	10.0		81.6	43-155				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131				
Dibromochloromethane	9.95		"	10.0		99.5	80-130				
Dibromomethane	9.98		"	10.0		99.8	72-134				
Dichlorodifluoromethane	10.3		"	10.0		103	44-144				
Ethyl Benzene	11.0		"	10.0		110	80-131				
Hexachlorobutadiene	9.09		"	10.0		90.9	67-146				
Isopropylbenzene	11.2		"	10.0		112	76-140				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135				
Methylene chloride	10.9		"	10.0		109	55-137				
Naphthalene	10.7		"	10.0		107	70-147				
n-Butylbenzene	10.8		"	10.0		108	79-132				
n-Propylbenzene	11.2		"	10.0		112	78-133				
o-Xylene	11.0		"	10.0		110	78-130				
p- & m- Xylenes	21.9		"	20.0		110	77-133				
p-Diethylbenzene	10.6		"	10.0		106	84-134				
p-Ethyltoluene	11.7		"	10.0		117	88-129				
p-Isopropyltoluene	10.9		"	10.0		109	81-136				
sec-Butylbenzene	11.1		"	10.0		111	79-137				
Styrene	11.1		"	10.0		111	67-132				
tert-Butylbenzene	9.41		"	10.0		94.1	77-138				
Tetrachloroethylene	9.79		"	10.0		97.9	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-131				
Trichloroethylene	10.4		"	10.0		104	82-128				
Trichlorofluoromethane	10.7		"	10.0		107	67-139				
Vinyl Chloride	9.17		"	10.0		91.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
LCS Dup (BC30136-BSD1)								Prepared: 03/01/2023 Analyzed: 03/02/2023			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		1.44	30	
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136		4.30	30	
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	76-129		0.716	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165		2.72	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		1.55	30	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		3.44	30	
1,1-Dichloroethylene	10.8		"	10.0		108	68-138		3.72	30	
1,1-Dichloropropylene	10.1		"	10.0		101	83-133		3.52	30	
1,2,3-Trichlorobenzene	8.95		"	10.0		89.5	76-136		6.38	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		1.98	30	
1,2,4,5-Tetramethylbenzene	9.84		"	10.0		98.4	85-140		3.59	30	
1,2,4-Trichlorobenzene	8.75		"	10.0		87.5	76-137		2.26	30	
1,2,4-Trimethylbenzene	9.79		"	10.0		97.9	82-132		4.30	30	
1,2-Dibromo-3-chloropropane	9.41		"	10.0		94.1	45-147		1.82	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		1.46	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		2.83	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		2.28	30	
1,2-Dichloropropane	11.2		"	10.0		112	78-126		1.51	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		3.81	30	
1,3-Dichlorobenzene	9.94		"	10.0		99.4	86-122		4.14	30	
1,3-Dichloropropane	10.4		"	10.0		104	81-125		2.36	30	
1,4-Dichlorobenzene	9.98		"	10.0		99.8	85-124		2.28	30	
2,2-Dichloropropane	9.42		"	10.0		94.2	56-150		3.44	30	
2-Butanone	10.4		"	10.0		104	49-152		0.00	30	
2-Chlorotoluene	10.5		"	10.0		105	79-130		4.74	30	
2-Hexanone	9.59		"	10.0		95.9	51-146		9.91	30	
4-Chlorotoluene	10.5		"	10.0		105	79-128		4.66	30	
4-Methyl-2-pentanone	12.0		"	10.0		120	57-145		0.923	30	
Acetone	12.9		"	10.0		129	14-150		1.64	30	
Benzene	10.2		"	10.0		102	85-126		3.47	30	
Bromobenzene	10.5		"	10.0		105	78-129		3.27	30	
Bromochloromethane	10.7		"	10.0		107	77-128		3.57	30	
Bromodichloromethane	10.2		"	10.0		102	79-128		2.14	30	
Bromoform	9.04		"	10.0		90.4	78-133		1.22	30	
Bromomethane	5.25		"	10.0		52.5	43-168		3.09	30	
Carbon disulfide	10.6		"	10.0		106	68-146		4.27	30	
Carbon tetrachloride	10.3		"	10.0		103	77-141		4.10	30	
Chlorobenzene	10.7		"	10.0		107	88-120		2.40	30	
Chloroethane	9.86		"	10.0		98.6	65-136		3.78	30	
Chloroform	10.1		"	10.0		101	82-128		2.26	30	
Chloromethane	8.30		"	10.0		83.0	43-155		1.70	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		1.92	30	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131		2.51	30	
Dibromochloromethane	9.96		"	10.0		99.6	80-130		0.100	30	
Dibromomethane	9.99		"	10.0		99.9	72-134		0.100	30	
Dichlorodifluoromethane	9.81		"	10.0		98.1	44-144		4.87	30	
Ethyl Benzene	10.7		"	10.0		107	80-131		2.77	30	
Hexachlorobutadiene	9.01		"	10.0		90.1	67-146		0.884	30	
Isopropylbenzene	10.7		"	10.0		107	76-140		4.47	30	
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135		0.499	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
LCS Dup (BC30136-BSD1)									Prepared: 03/01/2023 Analyzed: 03/02/2023		
Methylene chloride	10.6		ug/L	10.0		106	55-137		3.17	30	
Naphthalene	10.4		"	10.0		104	70-147		2.08	30	
n-Butylbenzene	10.3		"	10.0		103	79-132		5.01	30	
n-Propylbenzene	10.8		"	10.0		108	78-133		3.83	30	
o-Xylene	10.7		"	10.0		107	78-130		3.41	30	
p- & m- Xylenes	21.2		"	20.0		106	77-133		3.62	30	
p-Diethylbenzene	10.2		"	10.0		102	84-134		4.62	30	
p-Ethyltoluene	11.3		"	10.0		113	88-129		3.73	30	
p-Isopropyltoluene	10.5		"	10.0		105	81-136		4.02	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		4.43	30	
Styrene	10.8		"	10.0		108	67-132		3.29	30	
tert-Butylbenzene	8.96		"	10.0		89.6	77-138		4.90	30	
Tetrachloroethylene	9.48		"	10.0		94.8	82-131		3.22	30	
Toluene	10.2		"	10.0		102	80-127		2.99	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		3.21	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131		2.41	30	
Trichloroethylene	10.2		"	10.0		102	82-128		1.65	30	
Trichlorofluoromethane	10.2		"	10.0		102	67-139		4.21	30	
Vinyl Chloride	8.70		"	10.0		87.0	58-145		5.26	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23B1408-01	Influent Former Cleaners	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23B1408-02	Midfluent Former Cleaners	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23B1408-03	Effluent Former Cleaners	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23B1408-04	Effluent Salon	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23B1408-05	Midfluent Salon	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23B1408-06	Influent Salon	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

CCVE The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to update sample ID for samples -04 and -05.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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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.

YORK Project No. 23B1408

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	Report To:	Invoice To:
Company: HydroEnvironmental Solutions, Inc	Company:	Company:
Address: 2 Center Street, Croton Falls, NY	Address:	Address:
Phone.: 914-276-2560	Phone.: SAME	Phone.: SAME
Contact: Patti Clause	Contact:	Contact:
E-mail: pclause@hesny.com	E-mail:	E-mail:

YOUR Project Number:

YOUR Project Name: 406 Route 52 Carmel, New York

YOUR PO#:

Turn-Around Time

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

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

Jack Palmerton

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Influent Former Cleaners	DW	2/24/23	EPA 8260	(3) HCl VOAs
Mid fluent Former Cleaners				
Effluent Former Cleaners				
Mid fluent 2 Salon				
Mid fluent 2 Salon				
Effluent Salon				

Comments:

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

Preservation: (check all that apply)

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

Special Instruction

Field Filtered
Lab to Filter

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	2/27/23	Andrew Sturm	2/27/23 2:30 pm	Andrew Sturk	2/27/23 1605
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KBlock	2/27/23 1605 / 1605 3.5 Degrees C

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YOUR Information	Report To:	Invoice To:
Company: HydroEnvironmental Solutions, Inc	Company:	Company:
Address: 2 Center Street, Croton Falls, NY	Address:	Address:
Phone.: 914-276-2560	Phone.: SAME	Phone.: SAME
Contact: Patti Clause	Contact:	Contact:
E-mail: pclause@hesny.com	E-mail:	E-mail:

YOUR Project Number:

YOUR Project Name: 406 Route 52 Carmel, New York

YOUR PO#:

Turn-Around Time

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

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Jack Palmerton

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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Mid fluent Former Cleaners				
Effluent Former Cleaners				
Midfluent 2 Salon				
Midfluent 2 Salon				
Influent Salon				

Comments:

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

Preservation: (check all that apply)

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

Special Instruction

Field Filtered
Lab to Filter

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	2/27/23	Andrew Sturm	2/27/23 2:30 pm	Andrew Sturm	2/27/23 1605
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KBlock	2/27/23 1605 / 1605 3.5 Degrees C

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E-mail: pclause@hesny.com	E-mail:	E-mail:

YOUR Project Number:

YOUR Project Name: 406 Route 52 Carmel, New York

YOUR PO#:

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

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Jack Palmerton

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New Jersey
Connecticut
Pennsylvania
Other:

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NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Influent Former Cleaners	DW	2/24/23	EPA 8260	(3) HCl VOAs
Midfluent Former Cleaners				
Effluent Former Cleaners				
Midfluent 2				
Midfluent 2				
Effluent 5				

Effluent Salon
Midfluent Salon
Influent Salon

Comments:

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

Special Instruction
Field Filtered
Lab to Filter

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

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
[signature]	2/27/23	1. Andrew Sturm	2/27/23 2:30 pm
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
2. Andrew Sturm	2/27/23 1605	3. Samples Received by / Company	Date/Time
Samples Received in LAB by	Date/Time	Temperature	
KBlock	2/27/23 1605 1605	3.5 Degrees C	

Technical Report

prepared for:

Hydro Environmental Solutions
2 Center Street
Croton Falls NY, 10519
Attention: Bill Canavan

Report Date: 03/08/2023
Client Project ID: 406 Route 52 Carmel, New York
York Project (SDG) No.: 23B1452

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

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

Report Date: 03/08/2023
Client Project ID: 406 Route 52 Carmel, New York
York Project (SDG) No.: 23B1452

Hydro Environmental Solutions
2 Center Street
Croton Falls NY, 10519
Attention: Bill Canavan

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 February 27, 2023 and listed below. The project was identified as your project: **406 Route 52 Carmel, New York**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23B1452-01	Former Cleaners Pre Treatment	Drinking Water	02/24/2023	02/27/2023
23B1452-02	Field Blank	Drinking Water	02/24/2023	02/27/2023

General Notes for York Project (SDG) No.: 23B1452

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

Approved By:  **Date:** 03/08/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **Former Cleaners Pre Treatment** **York Sample ID:** **23B1452-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1452	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

PFAS, EPA 537.1 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**5.29**		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**2.98**		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**1.51**		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.77**		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
2355-31-9	N-MeFOSAA	ND		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
2991-50-6	N-EtFOSAA	ND		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
756426-58-1	9CL-PF3ONS	ND		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			
919005-14-4	ADONA	ND		ng/L	1.47	1	EPA 537.1	03/02/2023 17:05	03/07/2023 08:27	KT
							Certifications: NELAC-NY12058			

Surrogate Recoveries	Result	Acceptance Range
Surrogate: d5-N-EtFOSAA	*118 %*	*70-130*
Surrogate: MPFDA	*113 %*	*70-130*
Surrogate: MPFHxA	*92.4 %*	*70-130*
Surrogate: M3HFPO-DA	*72.2 %*	*70-130*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **23B1452-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1452	406 Route 52 Carmel, New York	Drinking Water	February 24, 2023 3:00 pm	02/27/2023

PFAS, EPA 537.1 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 537.1 SPE DVB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
2355-31-9	N-MeFOSAA	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
2991-50-6	N-EtFOSAA	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
756426-58-1	9CL-PF3ONS	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT
919005-14-4	ADONA	ND		ng/L	1.92	1	EPA 537.1 Certifications: NELAC-NY12058	03/02/2023 17:05	03/07/2023 08:40	KT

Surrogate Recoveries	Result		Acceptance Range
Surrogate: d5-N-EtFOSAA	*97.3 %*		*70-130*
Surrogate: MPFDA	*91.6 %*		*70-130*
Surrogate: MPFHxA	*78.1 %*		*70-130*
Surrogate: M3HFPO-DA	*56.1 %*	PFSL	*70-130*

Analytical Batch Summary

Batch ID: BC30181 **Preparation Method:** EPA 537.1 SPE DVB **Prepared By:** ER

YORK Sample ID	Client Sample ID	Preparation Date
23B1452-01	Former Cleaners Pre Treatment	03/02/23
23B1452-02	Field Blank	03/02/23
BC30181-BLK1	Blank	03/02/23
BC30181-BS1	LCS	03/02/23
BC30181-BSD1	LCS Dup	03/02/23

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30181 - EPA 537.1 SPE DVB											
Blank (BC30181-BLK1)								Prepared: 03/02/2023 Analyzed: 03/07/2023			
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
9CL-PF3ONS	ND	2.00	"								
11CL-PF3OUdS	ND	2.00	"								
HFPO-DA (Gen-X)	ND	2.00	"								
ADONA	ND	2.00	"								
Surrogate: d5-N-EtFOSAA	*345*		"	*320*		*108*	*70-130*				
Surrogate: MPFDA	*84.5*		"	*80.0*		*106*	*70-130*				
Surrogate: MPFHxA	*68.3*		"	*80.0*		*85.4*	*70-130*				
Surrogate: M3HFPO-DA	*55.2*		"	*80.0*		*69.1*	*70-130*				
LCS (BC30181-BS1)								Prepared: 03/02/2023 Analyzed: 03/07/2023			
Perfluorobutanesulfonic acid (PFBS)	44.8	2.00	ng/L	70.8		63.3	70-130	Low Bias			
Perfluorohexanoic acid (PFHxA)	60.3	2.00	"	80.0		75.4	70-130				
Perfluoroheptanoic acid (PFHpA)	63.5	2.00	"	80.0		79.3	70-130				
Perfluorohexanesulfonic acid (PFHxS)	54.5	2.00	"	76.0		71.6	70-130				
Perfluorooctanoic acid (PFOA)	60.9	2.00	"	80.0		76.1	70-130				
Perfluorooctanesulfonic acid (PFOS)	59.0	2.00	"	76.8		76.8	70-130				
Perfluorononanoic acid (PFNA)	63.6	2.00	"	80.0		79.5	70-130				
Perfluorodecanoic acid (PFDA)	65.2	2.00	"	80.0		81.5	70-130				
Perfluoroundecanoic acid (PFUnA)	63.6	2.00	"	80.0		79.5	70-130				
Perfluorododecanoic acid (PFDoA)	63.3	2.00	"	80.0		79.2	70-130				
Perfluorotridecanoic acid (PFTrDA)	63.2	2.00	"	80.0		79.0	70-130				
Perfluorotetradecanoic acid (PFTA)	63.1	2.00	"	80.0		78.9	70-130				
N-MeFOSAA	59.3	2.00	"	80.0		74.1	70-130				
N-EtFOSAA	59.3	2.00	"	80.0		74.2	70-130				
9CL-PF3ONS	55.7	2.00	"	74.8		74.4	70-130				
11CL-PF3OUdS	55.0	2.00	"	75.6		72.7	70-130				
HFPO-DA (Gen-X)	63.5	2.00	"	80.0		79.4	70-130				
ADONA	57.9	2.00	"	75.6		76.6	70-130				
Surrogate: d5-N-EtFOSAA	*327*		"	*320*		*102*	*70-130*				
Surrogate: MPFDA	*75.6*		"	*80.0*		*94.5*	*70-130*				
Surrogate: MPFHxA	*65.6*		"	*80.0*		*82.1*	*70-130*				
Surrogate: M3HFPO-DA	*54.1*		"	*80.0*		*67.6*	*70-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30181 - EPA 537.1 SPE DVB											
LCS Dup (BC30181-BSD1)								Prepared: 03/02/2023 Analyzed: 03/07/2023			
Perfluorobutanesulfonic acid (PFBS)	61.2	2.00	ng/L	70.8		86.4	70-130		31.0	25	Non-dir.
Perfluorohexanoic acid (PFHxA)	80.4	2.00	"	80.0		100	70-130		28.5	25	Non-dir.
Perfluoroheptanoic acid (PFHpA)	82.6	2.00	"	80.0		103	70-130		26.2	25	Non-dir.
Perfluorohexanesulfonic acid (PFHxS)	71.2	2.00	"	76.0		93.7	70-130		26.7	25	Non-dir.
Perfluorooctanoic acid (PFOA)	80.3	2.00	"	80.0		100	70-130		27.5	25	Non-dir.
Perfluorooctanesulfonic acid (PFOS)	80.4	2.00	"	76.8		105	70-130		30.8	25	Non-dir.
Perfluorononanoic acid (PFNA)	82.4	2.00	"	80.0		103	70-130		25.8	25	Non-dir.
Perfluorodecanoic acid (PFDA)	85.4	2.00	"	80.0		107	70-130		26.7	25	Non-dir.
Perfluoroundecanoic acid (PFUnA)	83.5	2.00	"	80.0		104	70-130		27.1	25	Non-dir.
Perfluorododecanoic acid (PFDoA)	81.5	2.00	"	80.0		102	70-130		25.1	25	Non-dir.
Perfluorotridecanoic acid (PFTrDA)	85.4	2.00	"	80.0		107	70-130		29.9	25	Non-dir.
Perfluorotetradecanoic acid (PFTA)	74.5	2.00	"	80.0		93.1	70-130		16.5	25	
N-MeFOSAA	82.2	2.00	"	80.0		103	70-130		32.3	25	Non-dir.
N-EtFOSAA	75.0	2.00	"	80.0		93.7	70-130		23.3	25	
9CL-PF3ONS	73.0	2.00	"	74.8		97.7	70-130		27.0	25	Non-dir.
11CL-PF3OUdS	72.9	2.00	"	75.6		96.4	70-130		28.0	25	Non-dir.
HFPO-DA (Gen-X)	82.3	2.00	"	80.0		103	70-130		25.7	25	Non-dir.
ADONA	75.5	2.00	"	75.6		99.9	70-130		26.4	25	Non-dir.
Surrogate: d5-N-EtFOSAA	*350*		*"*	*320*		*110*	*70-130*				
Surrogate: MPFDA	*84.7*		*"*	*80.0*		*106*	*70-130*				
Surrogate: MPFHxA	*73.4*		*"*	*80.0*		*91.8*	*70-130*				
Surrogate: M3HFPO-DA	*62.2*		*"*	*80.0*		*77.7*	*70-130*				

Sample and Data Qualifiers Relating to This Work Order

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
PFSL	The recovery for this PFAS surrogate was below control limits
PFLL	The recovery for this PFAS compound was below control limits

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23B1452

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

YOUR Information	Report To:	Invoice To:
Company: Hydro Environmental Solutions, Inc	Company:	Company:
Address: 2 Center Street, Croton Falls, NY	Address:	Address:
Phone.: 914-276-2560	Phone.: SAME	Phone.: SAME
Contact: Patti Clause	Contact:	Contact:
E-mail: pclause@hesny.com	E-mail:	E-mail:

YOUR Project Number:

YOUR Project Name: 406 Route 52 Carmel, New York

YOUR PO#:

Turn-Around Time

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

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

Jack Palmerton

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Former Cleaners Pre Treatment	DW	2/24/23	PFAS	(2) 250ml HDPE
Field Blank	↓	↓	↓	↓

Comments:

Preservation: (check all that apply)

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

Special Instruction

Field Filtered
Lab to Filter

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

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[signature]	2/27/23	1. Andrew S. York	2/27/23 2:30pm	2. Andrew S York	2/27/23
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				Will York	2/28/23 3pm 4 Degrees C

Technical Report

prepared for:

Hydro Environmental Solutions
2 Center Street
Croton Falls NY, 10519
Attention: Bill Canavan

Report Date: 03/07/2023
Client Project ID: 406 Route 52 Carmel, New York
York Project (SDG) No.: 23B1411

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

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

Report Date: 03/07/2023
Client Project ID: 406 Route 52 Carmel, New York
York Project (SDG) No.: 23B1411

Hydro Environmental Solutions
2 Center Street
Croton Falls NY, 10519
Attention: Bill Canavan

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 February 27, 2023 and listed below. The project was identified as your project: **406 Route 52 Carmel, New York**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23B1411-01	Trip Blank	Water	02/24/2023	02/27/2023
23B1411-02	Field Blank	Water	02/24/2023	02/27/2023
23B1411-03	MW-3D	Water	02/24/2023	02/27/2023
23B1411-04	Duplicate	Water	02/24/2023	02/27/2023
23B1411-05	MW-3S	Water	02/24/2023	02/27/2023
23B1411-06	MW-3D PFAS	Water	02/24/2023	02/27/2023
23B1411-07	MW-3D Field Blank	Water	02/24/2023	02/27/2023
23B1411-08	MW-8D Field Blank	Water	02/24/2023	02/27/2023
23B1411-09	MW-8D	Water	02/24/2023	02/27/2023

General Notes for York Project (SDG) No.: 23B1411

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

Approved By:  **Date:** 03/07/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23B1411-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23B1411-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 03:23	JTG
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 03:23	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 03:23	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 03:23	JTG

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23B1411-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	**Methylene chloride**	**0.760**	J	ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 03:23	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 23B1411-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 03:23	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/02/2023 03:23	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 23B1411-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP	03/02/2023 04:43	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 04:43	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 04:43	JTG
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **23B1411-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 04:43	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 04:43	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 04:43	JTG
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 04:43	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 04:43	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:43	JTG

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **23B1411-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **23B1411-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:43	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

Sample Information

Client Sample ID: **MW-3D** **York Sample ID:** **23B1411-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: MW-3D

York Sample ID: 23B1411-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-3D

York Sample ID: 23B1411-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	**cis-1,2-Dichloroethylene**	**65.6**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-3D

York Sample ID: 23B1411-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.270**	J	ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
127-18-4	**Tetrachloroethylene**	**210**		ug/L	2.39	5.00	10	EPA 8260C Certifications:	03/06/2023 06:34	03/06/2023 16:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
156-60-5	**trans-1,2-Dichloroethylene**	**0.630**		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-01-6	**Trichloroethylene**	**61.8**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: MW-3D **York Sample ID:** 23B1411-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/01/2023 06:25	03/02/2023 08:16	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.7 %*	*79-122*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	03/03/2023 09:09	03/07/2023 11:13	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.9 %*	*36.6-118*

Sample Information

Client Sample ID: Duplicate **York Sample ID:** 23B1411-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/01/2023 06:25	03/02/2023 08:42	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/01/2023 06:25	03/02/2023 08:42	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/01/2023 06:25	03/02/2023 08:42	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/01/2023 06:25	03/02/2023 08:42	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/01/2023 06:25	03/02/2023 08:42	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/01/2023 06:25	03/02/2023 08:42	JTG

Sample Information

Client Sample ID: **Duplicate** **York Sample ID:** **23B1411-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: **Duplicate** **York Sample ID:** **23B1411-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	**cis-1,2-Dichloroethylene**	**81.0**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.290**	J	ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **Duplicate** **York Sample ID:** **23B1411-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**262**		ug/L	2.39	5.00	10	EPA 8260C Certifications:	03/06/2023 06:34	03/06/2023 17:17	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	**trans-1,2-Dichloroethylene**	**1.17**		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	**Trichloroethylene**	**76.2**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 08:42	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.1 %*	*79-122*

Sample Information

Client Sample ID: MW-3S

York Sample ID: 23B1411-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	*** 1,2,4,5-Tetramethylbenzene**	**1.01**		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-3S

York Sample ID: 23B1411-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG

Sample Information

Client Sample ID: MW-3S

York Sample ID: 23B1411-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
127-18-4	**Tetrachloroethylene**	**13.0**		ug/L	0.239	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-01-6	**Trichloroethylene**	**1.44**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: MW-3S **York Sample ID:** 23B1411-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/02/2023 09:09	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.7 %*	*79-122*

Sample Information

Client Sample ID: MW-3D PFAS **York Sample ID:** 23B1411-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

PFAS by EPA 537 m

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**11.4**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**12.6**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**6.52**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**4.26**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**13.5**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**33.3**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CCV-L	ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL

Sample Information

Client Sample ID: **MW-3D PFAS** **York Sample ID:** **23B1411-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

PFAS by EPA 537 m

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**14.8**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CCV-L	ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	10.0	5	EPA 537m Certifications:	02/28/2023 16:16	03/03/2023 13:40	WEL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**6.19**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 18:26	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*72.0 %*	*25-150*
Surrogate: M5PFHxA	*67.8 %*	*25-150*
Surrogate: M4PFHpA	*68.6 %*	*25-150*
Surrogate: M3PFHxS	*78.0 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*76.4 %*	*25-150*
Surrogate: M6PFDA	*70.6 %*	*25-150*
Surrogate: M7PFUdA	*71.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*66.6 %*	*25-150*
Surrogate: M2PFTeDA	*45.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*63.9 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*74.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*78.4 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*20.0 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*74.2 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*83.0 %*	*25-150*
Surrogate: M2-6:2 FTS	*158 %*	*25-200*

Sample Information

Client Sample ID: MW-3D PFAS **York Sample ID:** 23B1411-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

PFAS by EPA 537 m **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M2-8:2 FTS	*133 %*			*25-200*					
	Surrogate: M9PFNA	*76.4 %*			*25-150*					

Sample Information

Client Sample ID: MW-3D Field Blank **York Sample ID:** 23B1411-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

PFAS by EPA 537 m **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CCV-L	ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL

Sample Information

Client Sample ID: MW-3D Field Blank

York Sample ID: 23B1411-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

PFAS by EPA 537 m

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CCV-L	ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CCV-L	ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:05	WEL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*58.3 %*		*25-150*
Surrogate: M5PFHxA	*68.7 %*		*25-150*
Surrogate: M4PFHpA	*70.5 %*		*25-150*
Surrogate: M3PFHxS	*71.7 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*64.1 %*		*25-150*
Surrogate: M6PFDA	*50.3 %*		*25-150*
Surrogate: M7PFUdA	*37.7 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*30.8 %*		*25-150*
Surrogate: M2PFTeDA	*11.9 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*72.6 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*44.5 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*76.8 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*18.6 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*45.7 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*47.1 %*		*25-150*
Surrogate: M2-6:2 FTS	*163 %*		*25-200*
Surrogate: M2-8:2 FTS	*218 %*	PFSu-H	*25-200*
Surrogate: M9PFNA	*56.5 %*		*25-150*

Sample Information

Client Sample ID: MW-8D Field Blank

York Sample ID: 23B1411-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

PFAS by EPA 537 m

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CCV-L	ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CCV-L	ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CCV-L	ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:17	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*61.5 %*	*25-150*
Surrogate: M5PFHxA	*72.4 %*	*25-150*

Sample Information

Client Sample ID: **MW-8D Field Blank** **York Sample ID:** **23B1411-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

PFAS by EPA 537 m

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	*66.2 %*		*25-150*						
	Surrogate: M3PFHxS	*61.5 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*61.2 %*		*25-150*						
	Surrogate: M6PFDA	*42.2 %*		*25-150*						
	Surrogate: M7PFUdA	*35.4 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*24.7 %*	PFSu-L	*25-150*						
	Surrogate: M2PFTeDA	*9.37 %*	PFSu-L	*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*73.4 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*39.6 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*76.1 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*14.4 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*39.8 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*41.3 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*158 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*230 %*	PFSu-H	*25-200*						
	Surrogate: M9PFNA	*57.0 %*		*25-150*						

Sample Information

Client Sample ID: **MW-8D** **York Sample ID:** **23B1411-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

PFAS by EPA 537 m

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**20.1**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**10.8**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**6.54**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**3.19**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL

Sample Information

Client Sample ID: MW-8D

York Sample ID: 23B1411-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

PFAS by EPA 537 m

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**13.1**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**13.6**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CCV-L	ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**15.3**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	PF-CCV-L	ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CCV-L	ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**5.62**		ng/L	2.00	1	EPA 537m Certifications:	02/28/2023 16:16	03/02/2023 19:30	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*88.5 %*	*25-150*
Surrogate: M5PFHxA	*83.1 %*	*25-150*
Surrogate: M4PFHpA	*78.4 %*	*25-150*
Surrogate: M3PFHxS	*97.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*85.6 %*	*25-150*
Surrogate: M6PFDA	*83.0 %*	*25-150*
Surrogate: M7PFUdA	*84.0 %*	*25-150*

Sample Information

Client Sample ID: **MW-8D** **York Sample ID:** **23B1411-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1411	406 Route 52 Carmel, New York	Water	February 24, 2023 3:00 pm	02/27/2023

PFAS by EPA 537 m

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*72.3 %*			*25-150*					
	Surrogate: M2PFTeDA	*51.3 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*91.0 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*105 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*85.5 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*5.30 %*	PFSu-L		*10-150*					
	Surrogate: d3-N-MeFOSAA	*75.1 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*73.5 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*204 %*	PFSu-H		*25-200*					
	Surrogate: M2-8:2 FTS	*359 %*	PFSu-H		*25-200*					
	Surrogate: M9PFNA	*88.8 %*			*25-150*					

Analytical Batch Summary

Batch ID: BB31755 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23B1411-06	MW-3D PFAS	02/28/23
23B1411-06RE1	MW-3D PFAS	02/28/23
23B1411-07	MW-3D Field Blank	02/28/23
23B1411-08	MW-8D Field Blank	02/28/23
23B1411-09	MW-8D	02/28/23
BB31755-BLK1	Blank	02/28/23
BB31755-BLK2	Blank	02/28/23
BB31755-BS1	LCS	02/28/23
BB31755-BS2	LCS	02/28/23
BB31755-BSD1	LCS Dup	02/28/23
BB31755-MS1	Matrix Spike	02/28/23
BB31755-MS2	Matrix Spike	02/28/23
BB31755-MSD1	Matrix Spike Dup	02/28/23
BB31755-MSD2	Matrix Spike Dup	02/28/23

Batch ID: BC30136 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23B1411-01	Trip Blank	03/01/23
23B1411-02	Field Blank	03/01/23
23B1411-03	MW-3D	03/01/23
23B1411-04	Duplicate	03/01/23
23B1411-05	MW-3S	03/01/23
BC30136-BLK1	Blank	03/01/23
BC30136-BS1	LCS	03/01/23
BC30136-BSD1	LCS Dup	03/01/23

Batch ID: BC30212 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23B1411-03	MW-3D	03/03/23
BC30212-BLK1	Blank	03/03/23
BC30212-BS1	LCS	03/03/23
BC30212-MS1	Matrix Spike	03/03/23
BC30212-MSD1	Matrix Spike Dup	03/03/23

Batch ID: BC30359 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23B1411-03RE1	MW-3D	03/06/23
23B1411-04RE1	Duplicate	03/06/23
BC30359-BLK1	Blank	03/06/23
BC30359-BS1	LCS	03/06/23
BC30359-BSD1	LCS Dup	03/06/23

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Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
Blank (BC30136-BLK1)											
Prepared: 03/01/2023 Analyzed: 03/02/2023											
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	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	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	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Bromobenzene	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	"								
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
Blank (BC30136-BLK1)									Prepared: 03/01/2023 Analyzed: 03/02/2023		
Methyl tert-butyl ether (MTBE)	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	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-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
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	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BC30136-BS1)									Prepared: 03/01/2023 Analyzed: 03/02/2023		
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126				
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136				
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165				
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	11.2		"	10.0		112	68-138				
1,1-Dichloropropylene	10.4		"	10.0		104	83-133				
1,2,3-Trichlorobenzene	9.54		"	10.0		95.4	76-136				
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128				
1,2,4,5-Tetramethylbenzene	10.2		"	10.0		102	85-140				
1,2,4-Trichlorobenzene	8.95		"	10.0		89.5	76-137				
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132				
1,2-Dibromo-3-chloropropane	9.24		"	10.0		92.4	45-147				
1,2-Dibromoethane	10.4		"	10.0		104	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	10.6		"	10.0		106	73-132				
1,2-Dichloropropane	11.4		"	10.0		114	78-126				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131				
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122				
1,3-Dichloropropane	10.7		"	10.0		107	81-125				
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124				
2,2-Dichloropropane	9.75		"	10.0		97.5	56-150				
2-Butanone	10.4		"	10.0		104	49-152				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
LCS (BC30136-BS1)									Prepared: 03/01/2023 Analyzed: 03/02/2023		
2-Chlorotoluene	11.0		ug/L	10.0		110	79-130				
2-Hexanone	10.6		"	10.0		106	51-146				
4-Chlorotoluene	11.0		"	10.0		110	79-128				
4-Methyl-2-pentanone	11.9		"	10.0		119	57-145				
Acetone	12.7		"	10.0		127	14-150				
Benzene	10.5		"	10.0		105	85-126				
Bromobenzene	10.9		"	10.0		109	78-129				
Bromochloromethane	11.1		"	10.0		111	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	8.93		"	10.0		89.3	78-133				
Bromomethane	5.09		"	10.0		50.9	43-168				
Carbon disulfide	11.0		"	10.0		110	68-146				
Carbon tetrachloride	10.7		"	10.0		107	77-141				
Chlorobenzene	11.0		"	10.0		110	88-120				
Chloroethane	10.2		"	10.0		102	65-136				
Chloroform	10.3		"	10.0		103	82-128				
Chloromethane	8.16		"	10.0		81.6	43-155				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131				
Dibromochloromethane	9.95		"	10.0		99.5	80-130				
Dibromomethane	9.98		"	10.0		99.8	72-134				
Dichlorodifluoromethane	10.3		"	10.0		103	44-144				
Ethyl Benzene	11.0		"	10.0		110	80-131				
Hexachlorobutadiene	9.09		"	10.0		90.9	67-146				
Isopropylbenzene	11.2		"	10.0		112	76-140				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135				
Methylene chloride	10.9		"	10.0		109	55-137				
Naphthalene	10.7		"	10.0		107	70-147				
n-Butylbenzene	10.8		"	10.0		108	79-132				
n-Propylbenzene	11.2		"	10.0		112	78-133				
o-Xylene	11.0		"	10.0		110	78-130				
p- & m- Xylenes	21.9		"	20.0		110	77-133				
p-Diethylbenzene	10.6		"	10.0		106	84-134				
p-Ethyltoluene	11.7		"	10.0		117	88-129				
p-Isopropyltoluene	10.9		"	10.0		109	81-136				
sec-Butylbenzene	11.1		"	10.0		111	79-137				
Styrene	11.1		"	10.0		111	67-132				
tert-Butylbenzene	9.41		"	10.0		94.1	77-138				
Tetrachloroethylene	9.79		"	10.0		97.9	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-131				
Trichloroethylene	10.4		"	10.0		104	82-128				
Trichlorofluoromethane	10.7		"	10.0		107	67-139				
Vinyl Chloride	9.17		"	10.0		91.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
LCS Dup (BC30136-BSD1)								Prepared: 03/01/2023 Analyzed: 03/02/2023			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		1.44	30	
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136		4.30	30	
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	76-129		0.716	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165		2.72	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		1.55	30	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		3.44	30	
1,1-Dichloroethylene	10.8		"	10.0		108	68-138		3.72	30	
1,1-Dichloropropylene	10.1		"	10.0		101	83-133		3.52	30	
1,2,3-Trichlorobenzene	8.95		"	10.0		89.5	76-136		6.38	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		1.98	30	
1,2,4,5-Tetramethylbenzene	9.84		"	10.0		98.4	85-140		3.59	30	
1,2,4-Trichlorobenzene	8.75		"	10.0		87.5	76-137		2.26	30	
1,2,4-Trimethylbenzene	9.79		"	10.0		97.9	82-132		4.30	30	
1,2-Dibromo-3-chloropropane	9.41		"	10.0		94.1	45-147		1.82	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		1.46	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		2.83	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		2.28	30	
1,2-Dichloropropane	11.2		"	10.0		112	78-126		1.51	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		3.81	30	
1,3-Dichlorobenzene	9.94		"	10.0		99.4	86-122		4.14	30	
1,3-Dichloropropane	10.4		"	10.0		104	81-125		2.36	30	
1,4-Dichlorobenzene	9.98		"	10.0		99.8	85-124		2.28	30	
2,2-Dichloropropane	9.42		"	10.0		94.2	56-150		3.44	30	
2-Butanone	10.4		"	10.0		104	49-152		0.00	30	
2-Chlorotoluene	10.5		"	10.0		105	79-130		4.74	30	
2-Hexanone	9.59		"	10.0		95.9	51-146		9.91	30	
4-Chlorotoluene	10.5		"	10.0		105	79-128		4.66	30	
4-Methyl-2-pentanone	12.0		"	10.0		120	57-145		0.923	30	
Acetone	12.9		"	10.0		129	14-150		1.64	30	
Benzene	10.2		"	10.0		102	85-126		3.47	30	
Bromobenzene	10.5		"	10.0		105	78-129		3.27	30	
Bromochloromethane	10.7		"	10.0		107	77-128		3.57	30	
Bromodichloromethane	10.2		"	10.0		102	79-128		2.14	30	
Bromoform	9.04		"	10.0		90.4	78-133		1.22	30	
Bromomethane	5.25		"	10.0		52.5	43-168		3.09	30	
Carbon disulfide	10.6		"	10.0		106	68-146		4.27	30	
Carbon tetrachloride	10.3		"	10.0		103	77-141		4.10	30	
Chlorobenzene	10.7		"	10.0		107	88-120		2.40	30	
Chloroethane	9.86		"	10.0		98.6	65-136		3.78	30	
Chloroform	10.1		"	10.0		101	82-128		2.26	30	
Chloromethane	8.30		"	10.0		83.0	43-155		1.70	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		1.92	30	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131		2.51	30	
Dibromochloromethane	9.96		"	10.0		99.6	80-130		0.100	30	
Dibromomethane	9.99		"	10.0		99.9	72-134		0.100	30	
Dichlorodifluoromethane	9.81		"	10.0		98.1	44-144		4.87	30	
Ethyl Benzene	10.7		"	10.0		107	80-131		2.77	30	
Hexachlorobutadiene	9.01		"	10.0		90.1	67-146		0.884	30	
Isopropylbenzene	10.7		"	10.0		107	76-140		4.47	30	
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135		0.499	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
LCS Dup (BC30136-BSD1)								Prepared: 03/01/2023 Analyzed: 03/02/2023			
Methylene chloride	10.6		ug/L	10.0		106	55-137		3.17	30	
Naphthalene	10.4		"	10.0		104	70-147		2.08	30	
n-Butylbenzene	10.3		"	10.0		103	79-132		5.01	30	
n-Propylbenzene	10.8		"	10.0		108	78-133		3.83	30	
o-Xylene	10.7		"	10.0		107	78-130		3.41	30	
p- & m- Xylenes	21.2		"	20.0		106	77-133		3.62	30	
p-Diethylbenzene	10.2		"	10.0		102	84-134		4.62	30	
p-Ethyltoluene	11.3		"	10.0		113	88-129		3.73	30	
p-Isopropyltoluene	10.5		"	10.0		105	81-136		4.02	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		4.43	30	
Styrene	10.8		"	10.0		108	67-132		3.29	30	
tert-Butylbenzene	8.96		"	10.0		89.6	77-138		4.90	30	
Tetrachloroethylene	9.48		"	10.0		94.8	82-131		3.22	30	
Toluene	10.2		"	10.0		102	80-127		2.99	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		3.21	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131		2.41	30	
Trichloroethylene	10.2		"	10.0		102	82-128		1.65	30	
Trichlorofluoromethane	10.2		"	10.0		102	67-139		4.21	30	
Vinyl Chloride	8.70		"	10.0		87.0	58-145		5.26	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
Batch BC30359 - EPA 5030B											
Blank (BC30359-BLK1)								Prepared & Analyzed: 03/06/2023			
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	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	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	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30359 - EPA 5030B											
Blank (BC30359-BLK1)									Prepared & Analyzed: 03/06/2023		
2-Hexanone	ND	0.500	ug/L								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Bromobenzene	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	"								
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 tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	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-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
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	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30359 - EPA 5030B											
LCS (BC30359-BS1)								Prepared & Analyzed: 03/06/2023			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126				
1,1,1-Trichloroethane	10.9		"	10.0		109	78-136				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	54-165				
1,1,2-Trichloroethane	9.34		"	10.0		93.4	82-123				
1,1-Dichloroethane	10.3		"	10.0		103	82-129				
1,1-Dichloroethylene	10.9		"	10.0		109	68-138				
1,1-Dichloropropylene	10.4		"	10.0		104	83-133				
1,2,3-Trichlorobenzene	7.87		"	10.0		78.7	76-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128				
1,2,4,5-Tetramethylbenzene	9.58		"	10.0		95.8	85-140				
1,2,4-Trichlorobenzene	7.90		"	10.0		79.0	76-137				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	8.23		"	10.0		82.3	45-147				
1,2-Dibromoethane	9.27		"	10.0		92.7	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	9.91		"	10.0		99.1	73-132				
1,2-Dichloropropane	10.6		"	10.0		106	78-126				
1,3,5-Trimethylbenzene	11.3		"	10.0		113	80-131				
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122				
1,3-Dichloropropane	9.55		"	10.0		95.5	81-125				
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124				
2,2-Dichloropropane	12.0		"	10.0		120	56-150				
2-Butanone	9.06		"	10.0		90.6	49-152				
2-Chlorotoluene	11.7		"	10.0		117	79-130				
2-Hexanone	8.35		"	10.0		83.5	51-146				
4-Chlorotoluene	11.6		"	10.0		116	79-128				
4-Methyl-2-pentanone	9.67		"	10.0		96.7	57-145				
Acetone	9.86		"	10.0		98.6	14-150				
Benzene	10.4		"	10.0		104	85-126				
Bromobenzene	11.0		"	10.0		110	78-129				
Bromochloromethane	9.88		"	10.0		98.8	77-128				
Bromodichloromethane	10.0		"	10.0		100	79-128				
Bromoform	8.37		"	10.0		83.7	78-133				
Bromomethane	3.93		"	10.0		39.3	43-168	Low Bias			
Carbon disulfide	10.4		"	10.0		104	68-146				
Carbon tetrachloride	11.2		"	10.0		112	77-141				
Chlorobenzene	10.8		"	10.0		108	88-120				
Chloroethane	9.61		"	10.0		96.1	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	8.26		"	10.0		82.6	43-155				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Dibromochloromethane	9.52		"	10.0		95.2	80-130				
Dibromomethane	9.12		"	10.0		91.2	72-134				
Dichlorodifluoromethane	7.30		"	10.0		73.0	44-144				
Ethyl Benzene	10.8		"	10.0		108	80-131				
Hexachlorobutadiene	7.82		"	10.0		78.2	67-146				
Isopropylbenzene	12.1		"	10.0		121	76-140				
Methyl tert-butyl ether (MTBE)	9.14		"	10.0		91.4	76-135				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30359 - EPA 5030B											
LCS (BC30359-BS1)							Prepared & Analyzed: 03/06/2023				
Methylene chloride	10.1		ug/L	10.0		101	55-137				
Naphthalene	8.76		"	10.0		87.6	70-147				
n-Butylbenzene	10.6		"	10.0		106	79-132				
n-Propylbenzene	11.8		"	10.0		118	78-133				
o-Xylene	10.8		"	10.0		108	78-130				
p- & m- Xylenes	21.7		"	20.0		109	77-133				
p-Diethylbenzene	10.7		"	10.0		107	84-134				
p-Ethyltoluene	12.6		"	10.0		126	88-129				
p-Isopropyltoluene	11.2		"	10.0		112	81-136				
sec-Butylbenzene	11.4		"	10.0		114	79-137				
Styrene	10.8		"	10.0		108	67-132				
tert-Butylbenzene	9.84		"	10.0		98.4	77-138				
Tetrachloroethylene	10.3		"	10.0		103	82-131				
Toluene	10.3		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132				
trans-1,3-Dichloropropylene	9.88		"	10.0		98.8	78-131				
Trichloroethylene	10.3		"	10.0		103	82-128				
Trichlorofluoromethane	10.6		"	10.0		106	67-139				
Vinyl Chloride	8.55		"	10.0		85.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.68*		*"*	*10.0*		*96.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.87*		*"*	*10.0*		*98.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				
LCS Dup (BC30359-BSD1)							Prepared & Analyzed: 03/06/2023				
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		1.93	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136		3.27	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		2.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		4.97	30	
1,1,2-Trichloroethane	9.70		"	10.0		97.0	82-123		3.78	30	
1,1-Dichloroethane	10.1		"	10.0		101	82-129		2.55	30	
1,1-Dichloroethylene	10.4		"	10.0		104	68-138		4.52	30	
1,1-Dichloropropylene	10.2		"	10.0		102	83-133		1.26	30	
1,2,3-Trichlorobenzene	8.18		"	10.0		81.8	76-136		3.86	30	
1,2,3-Trichloropropane	9.68		"	10.0		96.8	77-128		3.95	30	
1,2,4,5-Tetramethylbenzene	9.47		"	10.0		94.7	85-140		1.15	30	
1,2,4-Trichlorobenzene	8.30		"	10.0		83.0	76-137		4.94	30	
1,2,4-Trimethylbenzene	9.88		"	10.0		98.8	82-132		9.17	30	
1,2-Dibromo-3-chloropropane	9.87		"	10.0		98.7	45-147		18.1	30	
1,2-Dibromoethane	9.61		"	10.0		96.1	83-124		3.60	30	
1,2-Dichlorobenzene	9.91		"	10.0		99.1	79-123		5.02	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		4.73	30	
1,2-Dichloropropane	10.4		"	10.0		104	78-126		1.91	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		8.75	30	
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122		6.32	30	
1,3-Dichloropropane	9.83		"	10.0		98.3	81-125		2.89	30	
1,4-Dichlorobenzene	9.99		"	10.0		99.9	85-124		5.74	30	
2,2-Dichloropropane	11.5		"	10.0		115	56-150		4.08	30	
2-Butanone	9.74		"	10.0		97.4	49-152		7.23	30	
2-Chlorotoluene	10.4		"	10.0		104	79-130		11.7	30	
2-Hexanone	8.95		"	10.0		89.5	51-146		6.94	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30359 - EPA 5030B											
LCS Dup (BC30359-BSD1)								Prepared & Analyzed: 03/06/2023			
4-Chlorotoluene	10.6		ug/L	10.0		106	79-128		9.09	30	
4-Methyl-2-pentanone	10.0		"	10.0		100	57-145		3.36	30	
Acetone	10.1		"	10.0		101	14-150		2.31	30	
Benzene	10.2		"	10.0		102	85-126		1.75	30	
Bromobenzene	10.3		"	10.0		103	78-129		5.92	30	
Bromochloromethane	10.3		"	10.0		103	77-128		3.87	30	
Bromodichloromethane	9.92		"	10.0		99.2	79-128		0.903	30	
Bromoform	8.94		"	10.0		89.4	78-133		6.59	30	
Bromomethane	3.57		"	10.0		35.7	43-168	Low Bias	9.60	30	
Carbon disulfide	9.94		"	10.0		99.4	68-146		4.52	30	
Carbon tetrachloride	10.8		"	10.0		108	77-141		3.28	30	
Chlorobenzene	10.4		"	10.0		104	88-120		3.39	30	
Chloroethane	9.29		"	10.0		92.9	65-136		3.39	30	
Chloroform	10.3		"	10.0		103	82-128		1.07	30	
Chloromethane	7.30		"	10.0		73.0	43-155		12.3	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		1.24	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131		1.29	30	
Dibromochloromethane	9.86		"	10.0		98.6	80-130		3.51	30	
Dibromomethane	9.34		"	10.0		93.4	72-134		2.38	30	
Dichlorodifluoromethane	6.80		"	10.0		68.0	44-144		7.09	30	
Ethyl Benzene	10.5		"	10.0		105	80-131		3.38	30	
Hexachlorobutadiene	8.34		"	10.0		83.4	67-146		6.44	30	
Isopropylbenzene	10.8		"	10.0		108	76-140		11.6	30	
Methyl tert-butyl ether (MTBE)	9.85		"	10.0		98.5	76-135		7.48	30	
Methylene chloride	9.91		"	10.0		99.1	55-137		2.00	30	
Naphthalene	9.44		"	10.0		94.4	70-147		7.47	30	
n-Butylbenzene	10.1		"	10.0		101	79-132		5.10	30	
n-Propylbenzene	10.6		"	10.0		106	78-133		10.8	30	
o-Xylene	10.5		"	10.0		105	78-130		2.72	30	
p- & m- Xylenes	21.0		"	20.0		105	77-133		3.46	30	
p-Diethylbenzene	10.2		"	10.0		102	84-134		5.00	30	
p-Ethyltoluene	11.3		"	10.0		113	88-129		10.1	30	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		7.95	30	
sec-Butylbenzene	10.4		"	10.0		104	79-137		8.91	30	
Styrene	10.6		"	10.0		106	67-132		1.22	30	
tert-Butylbenzene	8.98		"	10.0		89.8	77-138		9.14	30	
Tetrachloroethylene	9.60		"	10.0		96.0	82-131		7.04	30	
Toluene	9.82		"	10.0		98.2	80-127		4.58	30	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132		4.14	30	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131		3.09	30	
Trichloroethylene	9.83		"	10.0		98.3	82-128		5.06	30	
Trichlorofluoromethane	10.0		"	10.0		100	67-139		4.85	30	
Vinyl Chloride	7.76		"	10.0		77.6	58-145		9.69	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.66*		*"*	*10.0*		*96.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30212 - EPA 3535A											
Blank (BC30212-BLK1)									Prepared: 03/03/2023 Analyzed: 03/06/2023		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.79*		*"*	*4.00*		*94.7*	*36.6-118*				
LCS (BC30212-BS1)									Prepared: 03/03/2023 Analyzed: 03/06/2023		
1,4-Dioxane	4.19	0.300	ug/L	4.00		105	50-130				
Surrogate: 1,4-Dioxane-d8	*3.54*		*"*	*4.00*		*88.4*	*36.6-118*				
Matrix Spike (BC30212-MS1)	*Source sample: 23B1411-03 (MW-3D)								Prepared: 03/03/2023 Analyzed: 03/06/2023		
1,4-Dioxane	4.40	0.300	ug/L	4.00	0.208	105	50-130				
Surrogate: 1,4-Dioxane-d8	*2.84*		*"*	*4.00*		*70.9*	*50-130*				
Matrix Spike Dup (BC30212-MSD1)	*Source sample: 23B1411-03 (MW-3D)								Prepared: 03/03/2023 Analyzed: 03/06/2023		
1,4-Dioxane	4.13	0.300	ug/L	4.00	0.208	98.0	50-130		6.38	30	
Surrogate: 1,4-Dioxane-d8	*3.45*		*"*	*4.00*		*86.2*	*50-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB31755 - SPE Ext-PFAS-EPA 537.1M											
Blank (BB31755-BLK1)											Prepared: 02/28/2023 Analyzed: 03/02/2023
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Surrogate: M3PFBS	*69.9*		*"*	*74.3*		*94.1*	*25-150*				
Surrogate: M5PFHxA	*67.7*		*"*	*80.0*		*84.7*	*25-150*				
Surrogate: M4PFHpA	*64.8*		*"*	*80.0*		*81.0*	*25-150*				
Surrogate: M3PFHxS	*80.2*		*"*	*75.7*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*72.2*		*"*	*80.0*		*90.2*	*25-150*				
Surrogate: M6PFDA	*65.1*		*"*	*80.0*		*81.4*	*25-150*				
Surrogate: M7PFUdA	*57.8*		*"*	*80.0*		*72.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*49.5*		*"*	*80.0*		*61.8*	*25-150*				
Surrogate: M2PFTeDA	*29.1*		*"*	*80.0*		*36.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*60.9*		*"*	*80.0*		*76.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*74.9*		*"*	*76.6*		*97.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*77.1*		*"*	*80.0*		*96.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*24.8*		*"*	*80.0*		*31.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*60.3*		*"*	*80.0*		*75.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*59.7*		*"*	*80.0*		*74.7*	*25-150*				
Surrogate: M9PFNA	*69.5*		*"*	*80.0*		*86.9*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB31755 - SPE Ext-PFAS-EPA 537.1M											
Blank (BB31755-BLK2)										Prepared: 02/28/2023 Analyzed: 03/02/2023	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	25.0	ng/L								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	10.0	"								
Surrogate: M2-6:2 FTS	*91.5*		*"*	*75.9*		*121*	*25-200*				
Surrogate: M2-8:2 FTS	*70.6*		*"*	*76.6*		*92.2*	*25-200*				
LCS (BB31755-BS1)										Prepared: 02/28/2023 Analyzed: 03/02/2023	
Perfluorobutanesulfonic acid (PFBS)	68.1	2.00	ng/L	70.8		96.2	50-130				
Perfluorohexanoic acid (PFHxA)	78.9	2.00	"	80.0		98.7	50-130				
Perfluoroheptanoic acid (PFHpA)	75.0	2.00	"	80.0		93.7	50-130				
Perfluorohexanesulfonic acid (PFHxS)	68.2	2.00	"	72.8		93.7	50-130				
Perfluorooctanoic acid (PFOA)	75.9	2.00	"	80.0		94.9	50-130				
Perfluorooctanesulfonic acid (PFOS)	70.6	2.00	"	74.0		95.4	50-130				
Perfluorononanoic acid (PFNA)	65.3	2.00	"	80.0		81.6	50-130				
Perfluorodecanoic acid (PFDA)	78.7	2.00	"	80.0		98.3	50-130				
Perfluoroundecanoic acid (PFUnA)	71.6	2.00	"	80.0		89.5	50-130				
Perfluorododecanoic acid (PFDoA)	79.0	2.00	"	80.0		98.7	50-130				
Perfluorotridecanoic acid (PFTrDA)	53.4	2.00	"	80.0		66.8	50-130				
Perfluorotetradecanoic acid (PFTA)	85.0	2.00	"	80.0		106	50-130				
N-MeFOSAA	73.1	2.00	"	80.0		91.4	50-130				
N-EtFOSAA	75.3	2.00	"	80.0		94.2	50-130				
Perfluoropentanoic acid (PFPeA)	77.5	2.00	"	80.0		96.9	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	76.5	2.00	"	80.0		95.6	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	89.9	2.00	"	76.4		118	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	71.0	2.00	"	77.2		92.0	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	74.7	5.00	"	76.0		98.3	50-175				
Perfluoro-n-butanoic acid (PFBA)	78.3	2.00	"	80.0		97.8	50-130				
Surrogate: M3PFBS	*72.7*		*"*	*74.3*		*97.8*	*25-150*				
Surrogate: M5PFHxA	*73.2*		*"*	*80.0*		*91.5*	*25-150*				
Surrogate: M4PFHpA	*76.3*		*"*	*80.0*		*95.4*	*25-150*				
Surrogate: M3PFHxS	*84.2*		*"*	*75.7*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*75.3*		*"*	*80.0*		*94.1*	*25-150*				
Surrogate: M6PFDA	*71.5*		*"*	*80.0*		*89.3*	*25-150*				
Surrogate: M7PFUdA	*73.2*		*"*	*80.0*		*91.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*63.9*		*"*	*80.0*		*79.9*	*25-150*				
Surrogate: M2PFTeDA	*41.0*		*"*	*80.0*		*51.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*75.2*		*"*	*80.0*		*94.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*76.9*		*"*	*76.6*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*74.8*		*"*	*80.0*		*93.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*35.3*		*"*	*80.0*		*44.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*73.6*		*"*	*80.0*		*92.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*74.2*		*"*	*80.0*		*92.7*	*25-150*				
Surrogate: M2-6:2 FTS	*132*		*"*	*75.9*		*173*	*25-200*				
Surrogate: M9PFNA	*81.6*		*"*	*80.0*		*102*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB31755 - SPE Ext-PFAS-EPA 537.1M											
LCS (BB31755-BS2)								Prepared: 02/28/2023 Analyzed: 03/02/2023			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	81.0	10.0	ng/L	76.8		105	50-175				
Surrogate: M2-8:2 FTS	*60.0*		"	*76.6*		*78.3*	*25-200*				
LCS Dup (BB31755-BSD1)								Prepared: 02/28/2023 Analyzed: 03/02/2023			
Perfluorobutanesulfonic acid (PFBS)	74.4	2.00	ng/L	70.8		105	50-130		8.88	30	
Perfluorohexanoic acid (PFHxA)	84.1	2.00	"	80.0		105	50-130		6.32	30	
Perfluoroheptanoic acid (PFHpA)	80.0	2.00	"	80.0		100	50-130		6.52	30	
Perfluorohexanesulfonic acid (PFHxS)	75.7	2.00	"	72.8		104	50-130		10.3	30	
Perfluorooctanoic acid (PFOA)	79.3	2.00	"	80.0		99.1	50-130		4.35	30	
Perfluorooctanesulfonic acid (PFOS)	76.8	2.00	"	74.0		104	50-130		8.44	30	
Perfluorononanoic acid (PFNA)	72.0	2.00	"	80.0		90.0	50-130		9.72	30	
Perfluorodecanoic acid (PFDA)	76.5	2.00	"	80.0		95.6	50-130		2.83	30	
Perfluoroundecanoic acid (PFUnA)	86.4	2.00	"	80.0		108	50-130		18.8	30	
Perfluorododecanoic acid (PFDoA)	72.9	2.00	"	80.0		91.1	50-130		8.01	30	
Perfluorotridecanoic acid (PFTrDA)	37.9	2.00	"	80.0		47.3	50-130	Low Bias	34.1	30	Non-dir.
Perfluorotetradecanoic acid (PFTA)	87.5	2.00	"	80.0		109	50-130		2.88	30	
N-MeFOSAA	83.6	2.00	"	80.0		104	50-130		13.3	30	
N-EtFOSAA	77.6	2.00	"	80.0		97.0	50-130		2.94	30	
Perfluoropentanoic acid (PFPeA)	83.2	2.00	"	80.0		104	50-130		6.99	30	
Perfluoro-1-octanesulfonamide (FOSA)	87.9	2.00	"	80.0		110	50-130		13.8	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	85.8	2.00	"	76.4		112	50-130		4.71	30	
Perfluoro-1-decanesulfonic acid (PFDS)	44.3	2.00	"	77.2		57.4	50-130		46.4	30	Non-dir.
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	80.5	5.00	"	76.0		106	50-175		7.46	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	79.5	2.00	"	76.8		104	50-175		200	30	Non-dir.
Perfluoro-n-butanoic acid (PFBA)	81.0	2.00	"	80.0		101	50-130		3.39	30	
Surrogate: M3PFBS	*65.6*		"	*74.3*		*88.3*	*25-150*				
Surrogate: M5PFHxA	*72.2*		"	*80.0*		*90.2*	*25-150*				
Surrogate: M4PFHpA	*75.7*		"	*80.0*		*94.6*	*25-150*				
Surrogate: M3PFHxS	*74.1*		"	*75.7*		*97.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*73.6*		"	*80.0*		*92.0*	*25-150*				
Surrogate: M6PFDA	*67.3*		"	*80.0*		*84.2*	*25-150*				
Surrogate: M7PFUdA	*47.8*		"	*80.0*		*59.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*31.6*		"	*80.0*		*39.5*	*25-150*				
Surrogate: M2PFTeDA	*11.8*		"	*80.0*		*14.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*76.0*		"	*80.0*		*94.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*70.5*		"	*76.6*		*92.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*76.5*		"	*80.0*		*95.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*19.3*		"	*80.0*		*24.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*40.9*		"	*80.0*		*51.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*43.0*		"	*80.0*		*53.7*	*25-150*				
Surrogate: M2-6:2 FTS	*95.4*		"	*75.9*		*126*	*25-200*				
Surrogate: M2-8:2 FTS	*156*		"	*76.6*		*204*	*25-200*				
Surrogate: M9PFNA	*80.2*		"	*80.0*		*100*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB31755 - SPE Ext-PFAS-EPA 537.1M											
Matrix Spike (BB31755-MS1)	*Source sample: 23B1411-06 (MW-3D PFAS)								Prepared: 02/28/2023 Analyzed: 03/02/2023		
Perfluorobutanesulfonic acid (PFBS)	83.0	2.00	ng/L	70.8	11.4	101	25-150				
Perfluorohexanoic acid (PFHxA)	90.6	2.00	"	80.0	12.6	97.6	25-150				
Perfluoroheptanoic acid (PFHpA)	81.3	2.00	"	80.0	6.52	93.4	25-150				
Perfluorohexanesulfonic acid (PFHxS)	72.5	2.00	"	72.8	4.26	93.7	25-150				
Perfluorooctanoic acid (PFOA)	90.7	2.00	"	80.0	13.5	96.5	25-150				
Perfluorooctanesulfonic acid (PFOS)	88.7	2.00	"	74.0	33.3	74.8	25-150				
Perfluorononanoic acid (PFNA)	73.3	2.00	"	80.0	1.07	90.3	25-150				
Perfluorodecanoic acid (PFDA)	73.6	2.00	"	80.0	1.03	90.7	25-150				
Perfluoroundecanoic acid (PFUnA)	82.6	2.00	"	80.0	ND	103	25-150				
Perfluorododecanoic acid (PFDoA)	78.3	2.00	"	80.0	ND	97.9	25-150				
Perfluorotridecanoic acid (PFTrDA)	37.0	2.00	"	80.0	ND	46.3	25-150				
Perfluorotetradecanoic acid (PFTA)	81.2	2.00	"	80.0	ND	102	25-150				
N-MeFOSAA	80.7	2.00	"	80.0	ND	101	25-150				
N-EtFOSAA	81.1	2.00	"	80.0	ND	101	25-150				
Perfluoropentanoic acid (PFPeA)	92.1	2.00	"	80.0	14.8	96.7	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	89.8	2.00	"	80.0	1.34	111	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	78.8	2.00	"	76.4	0.621	102	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	50.2	2.00	"	77.2	0.591	64.3	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	77.5	5.00	"	76.0	ND	102	25-200				
Perfluoro-n-butanoic acid (PFBA)	85.9	2.00	"	80.0	6.19	99.6	25-150				
Surrogate: M3PFBS	*74.8*		*"*	*74.3*		*101*	*25-150*				
Surrogate: M5PFHxA	*73.5*		*"*	*80.0*		*91.9*	*25-150*				
Surrogate: M4PFHpA	*76.9*		*"*	*80.0*		*96.2*	*25-150*				
Surrogate: M3PFHxS	*83.1*		*"*	*75.7*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*74.8*		*"*	*80.0*		*93.5*	*25-150*				
Surrogate: M6PFDA	*58.6*		*"*	*80.0*		*73.3*	*25-150*				
Surrogate: M7PFUdA	*47.3*		*"*	*80.0*		*59.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*42.3*		*"*	*80.0*		*52.9*	*25-150*				
Surrogate: M2PFTeDA	*24.0*		*"*	*80.0*		*30.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*77.6*		*"*	*80.0*		*97.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*79.3*		*"*	*76.6*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*82.8*		*"*	*80.0*		*104*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*14.0*		*"*	*80.0*		*17.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*34.1*		*"*	*80.0*		*42.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*31.4*		*"*	*80.0*		*39.2*	*25-150*				
Surrogate: M2-6:2 FTS	*108*		*"*	*75.9*		*142*	*25-200*				
Surrogate: M9PFNA	*71.7*		*"*	*80.0*		*89.6*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB31755 - SPE Ext-PFAS-EPA 537.1M											
Matrix Spike (BB31755-MS2)	*Source sample: 23B1411-06RE1 (MW-3D PFAS)								Prepared: 02/28/2023 Analyzed: 03/03/2023		
1H,1H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	31.0	10.0	ng/L	76.8	ND	40.3	25-200				
Surrogate: M2-8:2 FTS	*86.6*		"	*76.6*		*113*	*25-200*				
Matrix Spike Dup (BB31755-MSD1)	*Source sample: 23B1411-06 (MW-3D PFAS)								Prepared: 02/28/2023 Analyzed: 03/02/2023		
Perfluorobutanesulfonic acid (PFBS)	83.1	2.00	ng/L	70.8	11.4	101	25-150		0.102	35	
Perfluorohexanoic acid (PFHxA)	90.8	2.00	"	80.0	12.6	97.8	25-150		0.129	35	
Perfluoroheptanoic acid (PFHpA)	85.3	2.00	"	80.0	6.52	98.5	25-150		4.86	35	
Perfluorohexanesulfonic acid (PFHxS)	79.1	2.00	"	72.8	4.26	103	25-150		8.70	35	
Perfluorooctanoic acid (PFOA)	84.5	2.00	"	80.0	13.5	88.7	25-150		7.06	35	
Perfluorooctanesulfonic acid (PFOS)	97.3	2.00	"	74.0	33.3	86.5	25-150		9.29	35	
Perfluorononanoic acid (PFNA)	76.8	2.00	"	80.0	1.07	94.7	25-150		4.70	35	
Perfluorodecanoic acid (PFDA)	85.2	2.00	"	80.0	1.03	105	25-150		14.6	35	
Perfluoroundecanoic acid (PFUnA)	70.1	2.00	"	80.0	ND	87.7	25-150		16.3	35	
Perfluorododecanoic acid (PFDoA)	77.0	2.00	"	80.0	ND	96.2	25-150		1.70	35	
Perfluorotridecanoic acid (PFTrDA)	52.1	2.00	"	80.0	ND	65.1	25-150		33.8	35	
Perfluorotetradecanoic acid (PFTA)	83.3	2.00	"	80.0	ND	104	25-150		2.50	35	
N-MeFOSAA	76.4	2.00	"	80.0	ND	95.4	25-150		5.56	35	
N-EtFOSAA	87.1	2.00	"	80.0	ND	109	25-150		7.21	35	
Perfluoropentanoic acid (PFPeA)	92.5	2.00	"	80.0	14.8	97.2	25-150		0.465	35	
Perfluoro-1-octanesulfonamide (FOSA)	78.0	2.00	"	80.0	1.34	95.8	25-150		14.0	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	90.3	2.00	"	76.4	0.621	117	25-150		13.6	35	
Perfluoro-1-decanesulfonic acid (PFDS)	55.1	2.00	"	77.2	0.591	70.7	25-150		9.38	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	68.9	5.00	"	76.0	ND	90.7	25-200		11.7	35	
Perfluoro-n-butanoic acid (PFBA)	85.1	2.00	"	80.0	6.19	98.6	25-150		0.932	35	
Surrogate: M3PFBS	*64.3*		"	*74.3*		*86.6*	*25-150*				
Surrogate: M5PFHxA	*65.9*		"	*80.0*		*82.4*	*25-150*				
Surrogate: M4PFHpA	*68.3*		"	*80.0*		*85.4*	*25-150*				
Surrogate: M3PFHxS	*71.0*		"	*75.7*		*93.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*72.0*		"	*80.0*		*90.0*	*25-150*				
Surrogate: M6PFDA	*47.5*		"	*80.0*		*59.4*	*25-150*				
Surrogate: M7PFUdA	*42.1*		"	*80.0*		*52.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*31.8*		"	*80.0*		*39.8*	*25-150*				
Surrogate: M2PFTeDA	*19.1*		"	*80.0*		*23.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*68.8*		"	*80.0*		*86.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*65.9*		"	*76.6*		*86.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*72.4*		"	*80.0*		*90.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*14.4*		"	*80.0*		*18.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*31.4*		"	*80.0*		*39.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*24.1*		"	*80.0*		*30.1*	*25-150*				
Surrogate: M2-6:2 FTS	*115*		"	*75.9*		*152*	*25-200*				
Surrogate: M9PFNA	*60.5*		"	*80.0*		*75.7*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB31755 - SPE Ext-PFAS-EPA 537.1M											
Matrix Spike Dup (BB31755-MSD2)	*Source sample: 23B1411-06RE1 (MW-3D PFAS)								Prepared: 02/28/2023 Analyzed: 03/03/2023		
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	54.3	10.0	ng/L	76.8	ND	70.7	25-200		54.7	35	Non-dir.
Surrogate: M2-8:2 FTS	*109*		*"*	*76.6*		*142*	*25-200*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23B1411-01	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23B1411-02	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23B1411-03	MW-3D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23B1411-04	Duplicate	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23B1411-05	MW-3S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery was slightly below acceptable limits for the qualified compound. However, sample results are not biased low because results are corrected for isotope recovery.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: MW-3D is on the COC twice. Once for 1,4-Dioxane & VOCs, then again for only PFAS MS/MSD. MW-8D: the lab received 3 HCL vials and 1-1L Amber (8260 & 1,4-Dioxane not requested on the COC.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23B1411

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 ____ of ____

YOUR Information	Report To:	Invoice To:
Company: Hydro Environmental Solutions, Inc	Company:	Company:
Address: 2 Center Street, Croton Falls, NY	Address:	Address: SAME
Phone: 914-276-2560	Phone:	Phone:
Contact: Kathy Clause	Contact: SAME	Contact:
E-mail: kclause@hesny.com	E-mail:	E-mail:

YOUR Project Number:

YOUR Project Name: 406 Route 52, Carmel, New York

YOUR PO#:

Turn-Around Time

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

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

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Trip Blank	GW	2/24/23	EPA 8260	(2) HCl VOAs
Field Blank	GW	2/24/23	EPA 8260	(3) HCl VOAs
MW-3D	GW	2/24/23	EPA 8260, 1,4-Dioxane	(3) HCl VOAs (1) Amber
Duplicate	GW	2/24/23	EPA 8260	(3) HCl VOAs
MW-35	GW	2/24/23	EPA 8260	(3) HCl VOAs
* MW-3D and MS/MSD	GW	2/24/23	PFAS	(4) 250ml HDPE
MW-3D Field Blank	GW	2/24/23	PFAS	(2) 250ml HDPE
MW-8D Field Blank	GW	2/24/23	PFAS	(2) 250ml HDPE
MW-8D	GW	2/24/23	PFAS	(2) 250ml HDPE

Comments:
* 2 extra 250ml HDPE for MS/MSD

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

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

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	2/27/23	Andrew S. York	2/27/23 2:30pm	Andrew S. York	2/27/23 1605
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time 1605 / Temperature 3.5 Degrees C

Technical Report

prepared for:

Hydro Environmental Solutions
2 Center Street
Croton Falls NY, 10519
Attention: Bill Canavan

Report Date: 03/06/2023
Client Project ID: 406 Route 52 Carmel, New York
York Project (SDG) No.: 23B1410

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

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

Report Date: 03/06/2023
Client Project ID: 406 Route 52 Carmel, New York
York Project (SDG) No.: 23B1410

Hydro Environmental Solutions
2 Center Street
Croton Falls NY, 10519
Attention: Bill Canavan

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 February 27, 2023 and listed below. The project was identified as your project: **406 Route 52 Carmel, New York**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23B1410-01	MW-6	Water	02/27/2023	02/27/2023
23B1410-02	MW-6 Field Blank	Water	02/27/2023	02/27/2023
23B1410-03	Trip Blank	Water	02/27/2023	02/27/2023

General Notes for York Project (SDG) No.: 23B1410

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

Approved By:  **Date:** 03/06/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23B1410-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1410	406 Route 52 Carmel, New York	Water	February 27, 2023 2:30 pm	02/27/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23B1410-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1410	406 Route 52 Carmel, New York	Water	February 27, 2023 2:30 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 07:49	JTG
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 07:49	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 07:49	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
156-59-2	**cis-1,2-Dichloroethylene**	**4.60**		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/02/2023 07:49	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 07:49	JTG

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23B1410-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1410	406 Route 52 Carmel, New York	Water	February 27, 2023 2:30 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 07:49	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 07:49	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 07:49	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/02/2023 07:49	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/02/2023 07:49	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 07:49	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
127-18-4	**Tetrachloroethylene**	**92.3**		ug/L	0.239	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/02/2023 07:49	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
79-01-6	**Trichloroethylene**	**5.25**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/02/2023 07:49	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23B1410-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1410	406 Route 52 Carmel, New York	Water	February 27, 2023 2:30 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 07:49	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/02/2023 07:49	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.8 %*	*79-122*

Sample Information

Client Sample ID: MW-6 Field Blank **York Sample ID:** 23B1410-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1410	406 Route 52 Carmel, New York	Water	February 27, 2023 2:30 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP	03/02/2023 04:17	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 04:17	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 04:17	JTG
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG

Sample Information

Client Sample ID: MW-6 Field Blank

York Sample ID: 23B1410-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1410	406 Route 52 Carmel, New York	Water	February 27, 2023 2:30 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 04:17	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 04:17	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 04:17	JTG
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 04:17	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/02/2023 04:17	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/02/2023 04:17	JTG

Sample Information

Client Sample ID: MW-6 Field Blank

York Sample ID: 23B1410-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1410	406 Route 52 Carmel, New York	Water	February 27, 2023 2:30 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG

Sample Information

Client Sample ID: MW-6 Field Blank **York Sample ID:** 23B1410-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1410	406 Route 52 Carmel, New York	Water	February 27, 2023 2:30 pm	02/27/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 04:17	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*79-122*

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 23B1410-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1410	406 Route 52 Carmel, New York	Water	February 27, 2023 2:30 pm	02/27/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23B1410-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1410	406 Route 52 Carmel, New York	Water	February 27, 2023 2:30 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG NELAC-NY10854,NELAC-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23B1410-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1410	406 Route 52 Carmel, New York	Water	February 27, 2023 2:30 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23B1410-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1410	406 Route 52 Carmel, New York	Water	February 27, 2023 2:30 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-09-2	**Methylene chloride**	**0.870**	J	ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/01/2023 06:25	03/02/2023 02:57 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23B1410-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B1410	406 Route 52 Carmel, New York	Water	February 27, 2023 2:30 pm	02/27/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	03/01/2023 06:25	03/02/2023 02:57	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*79-122*

Analytical Batch Summary

Batch ID: BC30136 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23B1410-01	MW-6	03/01/23
23B1410-02	MW-6 Field Blank	03/01/23
23B1410-03	Trip Blank	03/01/23
BC30136-BLK1	Blank	03/01/23
BC30136-BS1	LCS	03/01/23
BC30136-BSD1	LCS Dup	03/01/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
Blank (BC30136-BLK1)											
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	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	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	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Bromobenzene	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	"								
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	"								

Prepared: 03/01/2023 Analyzed: 03/02/2023

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
Blank (BC30136-BLK1)											Prepared: 03/01/2023 Analyzed: 03/02/2023
Methyl tert-butyl ether (MTBE)	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	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-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
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	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BC30136-BS1)											Prepared: 03/01/2023 Analyzed: 03/02/2023
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126				
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136				
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165				
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	11.2		"	10.0		112	68-138				
1,1-Dichloropropylene	10.4		"	10.0		104	83-133				
1,2,3-Trichlorobenzene	9.54		"	10.0		95.4	76-136				
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128				
1,2,4,5-Tetramethylbenzene	10.2		"	10.0		102	85-140				
1,2,4-Trichlorobenzene	8.95		"	10.0		89.5	76-137				
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132				
1,2-Dibromo-3-chloropropane	9.24		"	10.0		92.4	45-147				
1,2-Dibromoethane	10.4		"	10.0		104	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	10.6		"	10.0		106	73-132				
1,2-Dichloropropane	11.4		"	10.0		114	78-126				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131				
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122				
1,3-Dichloropropane	10.7		"	10.0		107	81-125				
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124				
2,2-Dichloropropane	9.75		"	10.0		97.5	56-150				
2-Butanone	10.4		"	10.0		104	49-152				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
LCS (BC30136-BS1)									Prepared: 03/01/2023 Analyzed: 03/02/2023		
2-Chlorotoluene	11.0		ug/L	10.0		110	79-130				
2-Hexanone	10.6		"	10.0		106	51-146				
4-Chlorotoluene	11.0		"	10.0		110	79-128				
4-Methyl-2-pentanone	11.9		"	10.0		119	57-145				
Acetone	12.7		"	10.0		127	14-150				
Benzene	10.5		"	10.0		105	85-126				
Bromobenzene	10.9		"	10.0		109	78-129				
Bromochloromethane	11.1		"	10.0		111	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	8.93		"	10.0		89.3	78-133				
Bromomethane	5.09		"	10.0		50.9	43-168				
Carbon disulfide	11.0		"	10.0		110	68-146				
Carbon tetrachloride	10.7		"	10.0		107	77-141				
Chlorobenzene	11.0		"	10.0		110	88-120				
Chloroethane	10.2		"	10.0		102	65-136				
Chloroform	10.3		"	10.0		103	82-128				
Chloromethane	8.16		"	10.0		81.6	43-155				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131				
Dibromochloromethane	9.95		"	10.0		99.5	80-130				
Dibromomethane	9.98		"	10.0		99.8	72-134				
Dichlorodifluoromethane	10.3		"	10.0		103	44-144				
Ethyl Benzene	11.0		"	10.0		110	80-131				
Hexachlorobutadiene	9.09		"	10.0		90.9	67-146				
Isopropylbenzene	11.2		"	10.0		112	76-140				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135				
Methylene chloride	10.9		"	10.0		109	55-137				
Naphthalene	10.7		"	10.0		107	70-147				
n-Butylbenzene	10.8		"	10.0		108	79-132				
n-Propylbenzene	11.2		"	10.0		112	78-133				
o-Xylene	11.0		"	10.0		110	78-130				
p- & m- Xylenes	21.9		"	20.0		110	77-133				
p-Diethylbenzene	10.6		"	10.0		106	84-134				
p-Ethyltoluene	11.7		"	10.0		117	88-129				
p-Isopropyltoluene	10.9		"	10.0		109	81-136				
sec-Butylbenzene	11.1		"	10.0		111	79-137				
Styrene	11.1		"	10.0		111	67-132				
tert-Butylbenzene	9.41		"	10.0		94.1	77-138				
Tetrachloroethylene	9.79		"	10.0		97.9	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-131				
Trichloroethylene	10.4		"	10.0		104	82-128				
Trichlorofluoromethane	10.7		"	10.0		107	67-139				
Vinyl Chloride	9.17		"	10.0		91.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
LCS Dup (BC30136-BSD1)								Prepared: 03/01/2023 Analyzed: 03/02/2023			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		1.44	30	
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136		4.30	30	
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	76-129		0.716	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165		2.72	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		1.55	30	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		3.44	30	
1,1-Dichloroethylene	10.8		"	10.0		108	68-138		3.72	30	
1,1-Dichloropropylene	10.1		"	10.0		101	83-133		3.52	30	
1,2,3-Trichlorobenzene	8.95		"	10.0		89.5	76-136		6.38	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		1.98	30	
1,2,4,5-Tetramethylbenzene	9.84		"	10.0		98.4	85-140		3.59	30	
1,2,4-Trichlorobenzene	8.75		"	10.0		87.5	76-137		2.26	30	
1,2,4-Trimethylbenzene	9.79		"	10.0		97.9	82-132		4.30	30	
1,2-Dibromo-3-chloropropane	9.41		"	10.0		94.1	45-147		1.82	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		1.46	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		2.83	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		2.28	30	
1,2-Dichloropropane	11.2		"	10.0		112	78-126		1.51	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		3.81	30	
1,3-Dichlorobenzene	9.94		"	10.0		99.4	86-122		4.14	30	
1,3-Dichloropropane	10.4		"	10.0		104	81-125		2.36	30	
1,4-Dichlorobenzene	9.98		"	10.0		99.8	85-124		2.28	30	
2,2-Dichloropropane	9.42		"	10.0		94.2	56-150		3.44	30	
2-Butanone	10.4		"	10.0		104	49-152		0.00	30	
2-Chlorotoluene	10.5		"	10.0		105	79-130		4.74	30	
2-Hexanone	9.59		"	10.0		95.9	51-146		9.91	30	
4-Chlorotoluene	10.5		"	10.0		105	79-128		4.66	30	
4-Methyl-2-pentanone	12.0		"	10.0		120	57-145		0.923	30	
Acetone	12.9		"	10.0		129	14-150		1.64	30	
Benzene	10.2		"	10.0		102	85-126		3.47	30	
Bromobenzene	10.5		"	10.0		105	78-129		3.27	30	
Bromochloromethane	10.7		"	10.0		107	77-128		3.57	30	
Bromodichloromethane	10.2		"	10.0		102	79-128		2.14	30	
Bromoform	9.04		"	10.0		90.4	78-133		1.22	30	
Bromomethane	5.25		"	10.0		52.5	43-168		3.09	30	
Carbon disulfide	10.6		"	10.0		106	68-146		4.27	30	
Carbon tetrachloride	10.3		"	10.0		103	77-141		4.10	30	
Chlorobenzene	10.7		"	10.0		107	88-120		2.40	30	
Chloroethane	9.86		"	10.0		98.6	65-136		3.78	30	
Chloroform	10.1		"	10.0		101	82-128		2.26	30	
Chloromethane	8.30		"	10.0		83.0	43-155		1.70	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		1.92	30	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131		2.51	30	
Dibromochloromethane	9.96		"	10.0		99.6	80-130		0.100	30	
Dibromomethane	9.99		"	10.0		99.9	72-134		0.100	30	
Dichlorodifluoromethane	9.81		"	10.0		98.1	44-144		4.87	30	
Ethyl Benzene	10.7		"	10.0		107	80-131		2.77	30	
Hexachlorobutadiene	9.01		"	10.0		90.1	67-146		0.884	30	
Isopropylbenzene	10.7		"	10.0		107	76-140		4.47	30	
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135		0.499	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30136 - EPA 5030B											
LCS Dup (BC30136-BSD1)									Prepared: 03/01/2023 Analyzed: 03/02/2023		
Methylene chloride	10.6		ug/L	10.0		106	55-137		3.17	30	
Naphthalene	10.4		"	10.0		104	70-147		2.08	30	
n-Butylbenzene	10.3		"	10.0		103	79-132		5.01	30	
n-Propylbenzene	10.8		"	10.0		108	78-133		3.83	30	
o-Xylene	10.7		"	10.0		107	78-130		3.41	30	
p- & m- Xylenes	21.2		"	20.0		106	77-133		3.62	30	
p-Diethylbenzene	10.2		"	10.0		102	84-134		4.62	30	
p-Ethyltoluene	11.3		"	10.0		113	88-129		3.73	30	
p-Isopropyltoluene	10.5		"	10.0		105	81-136		4.02	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		4.43	30	
Styrene	10.8		"	10.0		108	67-132		3.29	30	
tert-Butylbenzene	8.96		"	10.0		89.6	77-138		4.90	30	
Tetrachloroethylene	9.48		"	10.0		94.8	82-131		3.22	30	
Toluene	10.2		"	10.0		102	80-127		2.99	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		3.21	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131		2.41	30	
Trichloroethylene	10.2		"	10.0		102	82-128		1.65	30	
Trichlorofluoromethane	10.2		"	10.0		102	67-139		4.21	30	
Vinyl Chloride	8.70		"	10.0		87.0	58-145		5.26	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23B1410-01	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23B1410-02	MW-6 Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23B1410-03	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 23B1410

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 _____ of _____

YOUR Information	Report To:	Invoice To:
Company: Hydro Environmental Solutions, Inc.	Company:	Company:
Address: 2 Center Street, Croton Falls, NY	Address:	Address:
Phone: 914-276-2560	Phone:	Phone: SAME
Contact: Patti Clause	Contact: SAME	Contact:
E-mail: pclause@hesny.com	E-mail:	E-mail:

YOUR Project Number:

YOUR Project Name: 406 Route 52 Carmel, New York

YOUR PO#:

Turn-Around Time

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

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

Jack Palmerton

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-6	GW	2/27/2023	EPA 8260	(3) HCl VOAs
MW-6 Field Blank	~~GW~~ W	↓	↓	(3) HCl VOAs
Trip Blank	W			(2) HCl VOAs

Comments:

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

Preservation: (check all that apply)

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

Special Instruction

Field Filtered
Lab to Filter

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	2/27/23	Andrew S York	2/27/23 2.30 pm	Andrew S York	2/27/23 1605
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KBlue	2/27/23 1605 3.5 Degrees C

APPENDIX C:

NYSDEC Institutional and Engineering Controls Certification Form

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. 340020

Site Name La Russell's Cleaners

Site Address: 406 Route 52 Zip Code: 10512
City/Town: Lake Carmel
County: Putnam
Site Acreage: 0.490

Reporting Period: December 30, 2019 to April 14, 2023

	YES	NO
1. Is the information above correct?	X	
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?		X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		X
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?		X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	x	
7. Are all ICs in place and functioning as designed?	X	

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

SITE NO. 340020 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
33.18-1-33	ROBERT HALL	
		O&M Plan

Commonly referred to as the Former OSCOM (or Telecommunications Business) building in the Operation Monitoring and Maintenance Plan and other reports. Currently a hair salon.

Semi-annual monitoring of the influent and effluent for the point-of-entry potable treatment or GAC system, and periodic maintenance of the GAC system (e.g., changing carbon).

33.72-1-18	A-CLASS MANAGEMENT, INC.	
		O&M Plan
		Ground Water Use Restriction
		Building Use Restriction
		Monitoring Plan
		Site Management Plan
		O&M Plan
		IC/EC Plan
		Ground Water Use Restriction
		Landuse Restriction
		Building Use Restriction
		Monitoring Plan
		Site Management Plan

1. The controlled property may be used for restricted residential and commercial use.

2. Long-term monitoring, maintenance, of groundwater plume utilizing the monitoring wells MW-6, MW-3D, MW-3S, and MW-8D and private wells in the vicinity of the contaminant plume (sampled periodically by Putnam County Department of Health (PCDOH)).

3. Groundwater use restriction by NYSDOH and PCDOH in the area impacted by the contaminant plume.

4. The potential for vapor intrusion must be evaluated for any buildings developed in the area within the institutional control boundaries noted in the Environmental Easement, and any potential impacts that are identified must be monitored or mitigated.

5. Institutional control in the form of an environmental easment on the controlled property, former La Russell Dry Cleaners.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
33.18-1-33	
	Point-of-Entry Water Treatment
33.72-1-18	
	Point-of-Entry Water Treatment
	Vapor Mitigation
	Monitoring Wells
	Vapor Mitigation
	Monitoring Wells
	Point-of-Entry Water Treatment
	Groundwater Treatment System

Parcel	Engineering Control
1. Operation and maintenance of two existing point of entry carbon treatment system supplies impacted by site related contamination at La Russell Cleaners and the Former OSCOM Building. The other point of entry carbon treatment system was decommissioned (SOFAIR apartments) after succesfully meeting groundwater standards and approval from NYSDEC and NYSDOH.	
2. Operation and maintenance of the active sub-slab depressurization system for soil vapor impacts at former La Russell Dry Cleaners.	

Box 5

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 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 compete.

YES	NO
☑	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or 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. 340020

Box 6

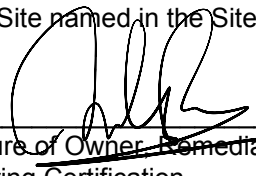
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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 Amit Patel (print name) at 406 Route 52, Carmel, NY 10512 (print business address),

am certifying as A Class Management, Inc (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 — Date: 4/13/2023

EC CERTIFICATIONS

Box 7

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 William A. Canavan at Two Center Street, Croton Falls, NY 10519,
print name print business address

am certifying as a for the Amit Patel
(Owner or Remedial Party)

Signature of , for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

4/14/2023
Date

APPENDIX D:

February 2023 Low-Flow Sampling Logs

HydroEnvironmental
SOLUTIONS, INC.
Two Center Street • Croton Falls, NY 10519
914.276.2560 • FAX 914.276.2664

Well Sampling Field Data Sheet

Personnel: JP/CO Date: 2/24/2023 Well ID: MW-3D Initial DTW: 11.51 Final DTW: 11.51
Site/Address: 406 Route 52 Well Depth: 55.5 Intake Depth : 48.5
Carmel, New York Well Diameter: 2" Purge: Bail / **Low-Flow**
Conditions: High 30s, Windy, Overcast Screen Interval (ftbg): 55.5 - 44.5 Purge Volume: ~5 gal
Cert Package # N/A Meas. Point: TOC
Temperature Correction Factor: 0.0

No.	Time	Temp (°C) (Pre-correction)	pH (s.u.)	ORP (mV)	Scond (mS/cm)	Turb. (NTU)	D.O. (mg/l)	D.O. (%)	DTW (ft___)
[(Measurement difference) / (Current measurement) x 100 = Percent Difference]									
1	10:37	7.27	11.26	49	0.984	33.8	5.62	56.2	11.51
2	10:42	8.35	11.56	42	0.982	29.9	6.14	53.2	11.51
3	10:47	8.78	11.57	46	0.975	25.7	5.44	48.5	11.51
4	11:08	8.96	11.29	68	0.888	30.3	4.82	41.8	11.51
5	11:15	9.04	11.09	77	0.854	21.4	2.48	22.1	11.51
6	11:20	9.05	10.76	86	0.846	34	2.15	19.1	11.51
7	11:25	9.35	10.53	93	0.815	34.3	1.76	16.2	11.51
8	11:30	9.62	10.29	98	0.806	34.3	1.42	12.7	11.51
9	11:35	9.79	10.09	105	0.794	34.2	1	10.1	11.51
10	11:45	9.36	9.69	115	0.789	28.9	0.57	5.3	11.51
11	11:50	9.43	9.48	122	0.782	23.5	0.41	4.2	11.51
12	11:55	9.58	8.91	130	0.77	12.5	0	0	11.51
13	12:00	9.45	8.6	138	0.764	12.5	0	0	11.51
14	12:05	9.44	8.58	139	0.763	11.5	0	0	11.51
15	12:10	9.58	8.48	141	0.761	10.9	0	0	11.51
16									
17									
18									
19									
20									

Tolerances = Temperature (+/- 3%), pH (+/-0.1 units), ORP/Eh (+/- 10 mV), specific cond. (+/-3%), turbidity (+/-10% for values> 1.0NTU), D.O. (+/-10%)

Well Recharge: (**Good** / Fair / Poor) Sample ID: MW-3D Analyses: EPA 8260, PFAS,
Start Purge: 10:30 Stop Purge: 12:10 Sample Time: 12:15 1,4-Dioxane
Approx. Pumping Rate: ~0.1 gpm Sample Quality: Clear

Comments:

HydroEnvironmental
SOLUTIONS, INC.
Two Center Street • Croton Falls, NY 10519
914.276.2560 • FAX 914.276.2664

Well Sampling Field Data Sheet

Personnel: JP/CO Date: 2/24/2023 Well ID: MW-8D Initial DTW: 2 Final DTW: 2
Site/Address: 406 Route 52 Well Depth: 24.5 Intake Depth : 15
Carmel, New York Well Diameter: 2" Purge: Bail / **Low-Flow**
Conditions: High 30s, Windy, Overcast Screen Interval (ftbg): 23.5-13.5 Purge Volume: ~2 gal
Cert Package # N/A Meas. Point: TOC
Temperature Correction Factor: 0.0

No.	Time	Temp (°C) (Pre-correction)	pH (s.u.)	ORP (mV)	Scond (mS/cm)	Turb. (NTU)	D.O. (mg/l)	D.O. (%)	DTW (ft___)
[(Measurement difference) / (Current measurement) x 100 = Percent Difference]									
1	2:30	7.20	7.12	222	1.40	21.10	7.71	66.10	2.00
2	2:40	7.92	6.90	228	1.40	3.10	6.53	57.00	2.00
3	2:50	8.10	6.90	224	1.40	1.40	5.84	57.30	2.00
4	2:55	7.80	6.91	229	1.41	1.50	5.50	48.00	2.00
5	3:00	7.90	6.83	234	1.41	1.20	5.16	45.20	2.00
6	3:10	7.89	6.81	233	1.41	1.60	5.14	49.80	2.00
7	3:15	7.85	6.81	237	1.41	1.60	5.06	44.20	2.00
8									
9									
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16									
17									
18									
19									
20									

Tolerances = Temperature (+/- 3%), pH (+/-0.1 units), ORP/Eh (+/- 10 mV), specific cond. (+/-3%), turbidity (+/-10% for values> 1.0NTU), D.O. (+/-10%)

Well Recharge: (**Good** / Fair / Poor) Sample ID: MW-8D Analyses: EPA 8260, PFAS,
Start Purge: 2:20 Stop Purge: 3:20 Sample Time: 3:17 1,4-Dioxane
Approx. Pumping Rate: ~0.1 gpm Sample Quality: Clear

Comments:

HydroEnvironmental
SOLUTIONS, INC.
Two Center Street • Croton Falls, NY 10519
914.276.2560 • FAX 914.276.2664

Well Sampling Field Data Sheet

Personnel: JP Date: 2/27/2023 Well ID: MW-6 Initial DTW: 8 Final DTW: 8
Site/Address: 406 Route 52 Well Depth: 55.5 Intake Depth :
Carmel, New York Well Diameter: 2" Purge: Bail / **Low-Flow**
Conditions: High 30s, Windy, Overcast Screen Interval (ftbg): 55.5-35.5 Purge Volume: ~3 gal
Cert Package # N/A Meas. Point: Grade
Temperature Correction Factor: 0.0

No.	Time	Temp (°C) (Pre-correction)	pH (s.u.)	ORP (mV)	Scond (mS/cm)	Turb. (NTU)	D.O. (mg/l)	D.O. (%)	DTW (ft___)
[(Measurement difference) / (Current measurement) x 100 = Percent Difference]									
1	10:05	6.72	7.33	248	0.723	28.1	6.25	53.4	8.0
2	10:10	9.53	7.57	230	0.681	6.1	4.53	41.2	NR
3	10:15	10.04	7.43	235	0.673	2.4	4.13	37.8	NR
4	10:20	10.51	7.41	241	0.672	1.8	3.86	35.7	NR
5	10:25	10.48	7.27	244	0.673	1.7	3.64	35.8	NR
6	10:30	10.32	7.21	249	0.673	1.3	3.59	33.2	NR
7	10:35	10.45	7.18	252	0.673	0.6	3.41	31.7	NR
8	10:40	10.47	7.16	254	0.673	0.5	3.24	30.6	NR
9	10:45	10.3	7.15	255	0.673	0.5	3.21	30.2	8.0
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Tolerances = Temperature (+/- 3%), pH (+/-0.1 units), ORP/Eh (+/- 10 mV), specific cond. (+/-3%), turbidity (+/-10% for values> 1.0NTU), D.O. (+/-10%)

Well Recharge: (**Good** / Fair / Poor) Sample ID: MW-6 Analyses: EPA 8260
Start Purge: 10:05 Stop Purge: 10:45 Sample Time: 10:45
Approx. Pumping Rate: ~0.2 gpm Sample Quality: Clear

Comments: