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

2019 Periodic Review Report
NYSDEC HW Site Number: 340020

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August 2020

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 8/11/20 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 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 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 this 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 twice during the 2019 monitoring period, on February 28, 2019 and September 26, 2019, according to the semi-annual schedule outlined in

the SMP. Sampling of the four monitoring wells for VOCs, to monitor for contaminants of concern, was also completed on the same dates in 2019. The SSDS was inspected in September 2019 only, therefore, it did not meet the semi-annual schedule set by the SMP.

Based on the 2019 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. A breakthrough of DCE into the first mid-fluent port of the hair salon POET system was detected during the two sampling events conducted in 2019 and, therefore, the first GAC canister in-line should be replaced. In addition, the UV filter which was removed from the hair salon POET system, should be replaced. No unscheduled maintenance is required of the POET system servicing the former cleaners. The POET system VOC sampling results for the February and September sampling events are summarized on **Table 2** and **Table 3** respectively, and the laboratory analytical reports 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 February and September 2019 sampling events are summarized on **Table 4** and **Table 5** respectively, and the laboratory analytical reports are included in **Appendix B**. A comparison of contaminant of concern concentrations detected in monitoring well and POET system influent samples from 2016 to 2019, is included in **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. Although the SSDS was only inspected once in 2019 (and not twice as outlined in the SMP), this has not inhibited HES from making a well-informed assessment of the systems operation and effectiveness. No unscheduled maintenance of the SSDS is required at this time.

In February 2019, at the request of the NYSDEC, additional groundwater samples were collected from wells MW-3D and MW-8D to be analyzed for emerging contaminants 1,4-Dioxane and Per- and Polyfluoroalkyl Substances (PFAS). Samples were also collected from the potable wells of the former cleaners and the hair salon prior to treatment (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 in the pre-treatment samples collected from the former cleaners and the hair salon. 1,4-Dioxane was not detected in monitoring wells MW-3D or MW-8D. HES will defer to the judgement of NYSDEC regarding any additional emerging contaminant monitoring and sampling requirements at the Site. Emerging contaminant sampling results

for the monitoring wells and the POET pre-treatment samples are summarized in **Table 7** and the laboratory analytical report from February 2019 is included in **Appendix B**.

Based on the 2019 monitoring and sampling and O&M results, the requirements of the SMP should continue to be carried out into the 2020 monitoring period. However, HES proposes reducing the Site EC O&M and monitoring and sampling schedules (including POET and groundwater monitoring and sampling), from a semi-annual to an annual frequency. Based on the results from previous years of sampling, an annual sampling schedule could sufficiently identify trends in concentrations of contaminants of concern in the influent to the two POET systems and the monitoring wells across the Site. An annual POET system sampling schedule will also be sufficient for identifying contaminant breakthroughs in the two POET systems based on the sampling history (only one breakthrough to a mid-fluent carbon detected in the past four years). An annual monitoring and sampling schedule would also allow the responsible party to have more financial flexibility to complete necessary maintenance on the Site ECs (particularly the POET systems) and to meet any additional monitoring requests (such as additional emerging contaminant sampling) made by NYSDEC. 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.

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, and the site of the former dry cleaning building. Lot 9 (also identified as Parcel B), 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 Putnam County Department of Health (PCDOH) in 1981. Subsequent sampling in the 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 cleaners system was replaced by a point of entry treatment (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 the five 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 a 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 the 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 February and September 2019 sampling events indicate that contaminants of concern are still found in the systems influent water above 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 February and September 2019 sampling events. Additionally, no VOCs were detected above AWQS in any of the 2019 effluent samples. Based on the 2019 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 2020 monitoring period.

The POET sampling results from February and September 2019 are included in **Table 2** and **Table 3,** respectively. The laboratory analytical reports for the 2019 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 five 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 February and September 2019. 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 2016. Analytical results have shown a generally decreasing trend in PCE, TCE, and DCE concentrations in samples from MW-3D and MW-6; however, PCE concentrations in particular, still remain well above AWQS in the two wells. Analytical results from MW-3D indicate that TCE and DCE concentrations are consistently below AWQS while PCE concentrations have fluctuated above and below AWQS since 2016. 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 2019 monitoring and sampling results on and off-Site groundwater sampling should also continue into the 2020 monitoring period.

The monitoring well sampling results from the February and September 2019 sampling events are included on **Table 4** and **Table 5,** respectively. The laboratory analytical reports for the 2019

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 five most recent sampling events from 2016 to 2019. The locations of the monitoring wells are shown on **Figure 2**.

An inspection of the SSDS servicing the former cleaners conducted in September 2019 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. A ¼-inch port drilled into the SSDS riser pipe, upstream of the radon fan was used to record vacuum readings using a micro manometer and Magnehelic gauges and VOC concentrations using a photoionization detector (PID). Vacuum was recorded at 0.085 inches of water column, within the 0.05 – 0.17 inches of water column range specified by the radon fan manufacturer and in the SMP. PID readings collected during the inspection indicated that the influent to the fan had a VOC concentration of 0.0 parts per million (ppm). Based on the September 2019 inspection, the former cleaners SSDS is operating effectively. The SSDS should continue to be monitored and maintained during the 2020 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 February and September 2019 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 2019 sampling events and O&M inspections, some maintenance is required for the hair salon POET system including replacement of the first GAC canister and the installation of a UV treatment system. The required maintenance is described in the O&M Compliance Report in **Section VI** below. No unscheduled maintenance is required of the POET system servicing the former cleaners.

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 September 2019 inspection of the SSDS servicing the former cleaners conducted in September 2019 found the system to be in good working condition. As is described in **Section III** above, vacuum readings recorded from a port installed upstream of the radon fan confirmed vacuum is present at a sufficient level. PID measurements upstream of the riser pipe indicated concentrations of 0.0 ppm for VOCs. Based on the September 2019 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 was completed at on and off-Site wells MW-3S, MW-3D, MW-6, and MW-8D in February and September of 2019, 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. Additionally, during the February 2019 sampling event, 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.

Depth to water measurements recorded at the four monitoring wells during the 2019 monitoring and sampling events are included with well construction details on **Table 1**. The monitoring well sampling results from the February and September 2019 sampling events for VOC analyses are included in **Table 4** and **Table 5,** respectively. The laboratory analytical reports for the 2019 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 five most recent sampling events from 2016 to 2019. The emerging contaminant results from the February 2019 sampling event are included in **Table 6**. The locations of the monitoring wells are shown on **Figure 2**.

During each groundwater sampling event conducted in 2019, standard monitoring well sampling procedures were followed. During the September 2019 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 (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 2019 event, additional and alternate sampling procedures were followed. Specifically, wells MW-3D, MW-6, and MW-8D were sampled using a bladder pump with dedicated HDPE bladders and tubing. 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**. Depth to water was not recorded at MW-3D and MW-8D during the February 2019 event to prevent potential PFAS contamination from the plastic interface tape. MW-3S was purged (3 well volumes) and sampled using a dedicated bailer and not the low-flow method during the February 2019 event due to an unanticipated shortage in tubing on the day of 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).

VOC laboratory analytical results from the 2019 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 with the exception of MW-8D. The VOC sampling results are described more fully in **Section III** above.

Emerging contaminant laboratory analytical results from the February 2019 sampling indicated that 1,4-Dioxane was not detected above laboratory MDLs in the samples collected from MW-3D or MW-8D. 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 14 nanograms per liter (ng/L) in MW-3D and 14 ng/L in MW-8D, and PFOS, detected at 27 ng/L in MW-3D and 14 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, January 2020), indicate that if PFOA or PFOS are detected at or above 10 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 and September 2019, 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 2019 sampling event, pre-treatment water samples were collected from each system to be analyzed for PFAS at the request of the NYSDEC.

The POET sampling results from February and September 2019 are included on **Table 2** and **Table 3,** respectively. The laboratory analytical reports for the 2019 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 five most recent sampling events (since responsibilities were taken over by A-Class Management, Inc. in 2016). PFAS sampling results from the February 2019 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. Sample ports are purged for a minimum of five minutes before sample collection to ensure samples are representative of the system. Samples are collected in 40 milliliter vials preserved with HCl and sent to York on-ice.

Samples collected for PFAS analysis in February 2019 were collected from the sampling ports located on the base of the pressure tank of each system's potable well. Pre-treatment samples were collected in appropriate containers and delivered on-ice to York to be analyzed using EPA Method 537.

Analytical results from influent samples collected from the POET systems servicing the former cleaners and hair salon during the February and September 2019 sampling events indicate that contaminants of concern are still found in the system influent water above 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 and September 2019 sampling events. The VOC sampling results are described more fully in **Section III** above.

PFAS laboratory analytical results from the February 2019 sampling indicated that several PFAS compounds were detected above laboratory MDLs in the pre-treatment samples collected from the two POET systems. This included PFOA, which was detected at 16 ng/L in the pre-treatment sample from the former cleaners and 14 ng/L in the hair salon pre-treatment sample, and PFOS, detected at 19 ng/L in the former cleaners sample and 14 ng/L in the hair salon sample. 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 10 ng/L or 10 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 only once in 2019 as part of the September 2019 Site visit. The SSDS location is shown on **Figure 2**. A ¼-inch port drilled into the SSDS riser pipe, upstream of the radon fan was used to record vacuum readings using a micro manometer and Magnehelic gauges and VOC concentrations using a PID. Vacuum was recorded at 0.085 inches of water column, within the 0.05 – 0.17 inches of water column range specified by the radon fan manufacturer and in the SMP. PID readings from the inspection indicated that the influent to the fan had a VOC concentration of 0.0 ppm. Although the SSDS was only inspected once during the 2019 monitoring period, the September 2019 inspection indicated that the former cleaners SSDS is operating effectively.

D. Monitoring Plan Compliance Conclusions and Recommendations

Semi-annual monitoring and sampling conducted in 2019 was completed in compliance with the SMP, with the exception of SSDS monitoring which was conducted only once, in September 2019. Based on the results of the February and September 2019 monitoring and sampling events, 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 2020. However, considering results from the previous four years of

sampling (particularly groundwater and POET influent results included on **Table 6**), economic concerns of the responsible party, and the potential for additional costs related to PFAS sampling, HES proposes reducing the sampling schedule from a semi-annual to an annual frequency. Based on the results from previous years of sampling, an annual sampling schedule would sufficiently identify trends in concentrations of contaminants of concern in the influent to the two POET systems and the monitoring wells across the Site. An annual POET system sampling schedule will also be sufficient for identifying contaminant breakthroughs in the two POET systems based on the sampling history (only one breakthrough in a mid-fluent carbon vessel detected in the past four years). An annual monitoring and sampling schedule would also allow the responsible party to have more financial flexibility to complete necessary maintenance on the Site ECs (particularly the POET systems) and to meet any additional monitoring requests (such as additional emerging contaminant sampling) made by NYSDEC.

VI. OPERATION & MAINTENANCE PLAN COMPLIANCE REPORT

A. POET Systems O&M

During the 2019 monitoring period, O&M inspections of the former cleaners and hair salon POET systems were conducted in February and September of 2019. During each 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 cleaners system read approximately 50 pounds per square inch (PSI) pressure during each 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 and September 2019 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 2** and **Table 3**). However, based on results from the 2019 sampling events and O&M inspections, some maintenance is required for the hair salon POET system including replacement of the first GAC canister and the installation of a UV treatment system.

Analytical results from the 2019 sampling events indicate that DCE was detected in samples collected from the first mid-fluent port of the hair salon POET system at concentrations of 0.380 μg/L (in February) and 0.920 μg/L (in September). These results indicate DCE concentrations are "breaking through" the first carbon canister in the hair salon system. DCE was not detected in any of the samples from the second mid-fluent port or the effluent port of the hair salon system indicating that the breakthrough did not continue through the second GAC canister. Additionally, no other contaminants of concern were detected in any of the hair salon POET mid-fluent or effluent samples.

Due to the breakthrough of DCE, the first of the three GAC canisters in the hair salon system should be replaced. As is described above, the canister between the influent and first mid-fluent port should be removed and replaced with the next canister in-line, and a fresh carbon canister should be installed between the second mid-fluent port and the effluent port.

In addition, a UV treatment system should be installed as part of the hair salon POET system. A UV filter was previously connected to the hair salon system; however, it was not maintained and was removed in December 2018 to improve plumbing of the system. The GAC filters that remove VOCs and other contaminants from the water supply can also promote bacteria growth including E.coli and other harmful bacteria. Therefore, it is recommended that UV treatment of effluent water from the GAC filters should be implemented.

No contaminant breakthroughs were identified in the laboratory analytical results from samples collected from the POET system servicing the former cleaners and the O&M inspections found the system to be in good working order. Therefore, no unscheduled maintenance is required for the on-Site POET system.

B. SSDS O&M

An O&M inspection of the SSDS was completed only once in 2019 as part of the September 2019 Site visit. The radon fan servicing the system and the connecting riser pipe appeared to be in good condition based on visual inspection. A ¼-inch port drilled into the SSDS riser pipe, upstream of the radon fan was used to record vacuum readings using a micro manometer and Magnehelic gauges and VOC concentrations using a PID. Vacuum was recorded at 0.085 inches of water column, within the 0.05 – 0.17 inches of water column range specified by the radon fan manufacturer and in the SMP. PID readings from the inspection indicated that the influent to the fan had a VOC concentration of 0.0 ppm. Although the SSDS was only inspected once during the 2019 monitoring period, the September 2019 inspection indicates that the former cleaners SSDS is operating effectively and no unscheduled maintenance is required.

C. Operation & Maintenance Plan Compliance Conclusions and Recommendations

Semi-annual O&M inspections conducted in 2019 were completed in compliance with the SMP, with the exception of the SSDS inspection which was conducted only once, in September 2019. Based on the POET system O&M inspections and sampling results, some unscheduled maintenance is required at the hair salon system. This includes replacement of the first GAC canister and the installation of a new UV filter. No unscheduled maintenance is required for the POET system or the SSDS servicing the former cleaners.

O&M inspections of the two POET systems and the SSDS, should be continued in 2020. However, HES propose transitioning from a semi-annual schedule to an annual schedule for O&M inspections, to match the annual monitor and sampling schedule proposed in **Section V** above. This is supported by the POET sampling results from the previous four years, as the DCE breakthrough detected at the first GAC canister has been the first contaminant of concern breakthrough detected in either of the POET systems in the four years since the current responsible parties took over Site management responsibilities.

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 2019 monitoring period, with the exception of semi-annual SSDS inspection which was only performed once in 2019, have been completed as is documented in this PRR.

- The SSDS servicing the former cleaners was inspected in September 2019 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 2020 monitoring period.

- Based on the 2019 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 2020 monitoring period.

- Concentrations of cis-1,2-Dichloroethylene (DCE) were detected in samples collected from the first mid-fluent port of the hair salon POET in February 2019 (0.380 μg/L) and September 2019 (0.920 μg/L). These results indicate that DCE has "broken through" the first GAC canister in the hair salon system and is approaching the 1 μg/L threshold at which the canister should be replaced according to the SMP. Therefore, HES recommends that the first of the three GAC canisters in the hair salon system be replaced. The canister between the influent and first mid-fluent port should be removed and replaced with the next canister in-line, and a fresh carbon canister should be installed between the second mid-fluent port and the effluent port. Spent carbon from the removed canister should be properly disposed of at a New York State approved disposal facility.

- In December 2018 the UV system servicing the hair salon POET system was removed as it was not functioning and causing low water pressure in the system. HES recommends installing a new UV system at this location. The GAC used to remove the VOC contaminants of concern can also promote bacteria growth including E.coli and other harmful bacteria. A UV system similar to the one servicing the former cleaners system, should be used to disinfect effluent water from the hair salon POET system.

- 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 2019 groundwater 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 2019 monitoring and sampling results on and off-Site and monitoring should also continue into the 2020 monitoring period.

- Emerging contaminant laboratory analytical results from the February 2019 sampling indicated that 1,4-Dioxane was not detected above laboratory MDLs in the samples collected from MW-3D or MW-8D. Several PFAS compounds were detected above laboratory MDLs in the groundwater samples collected from MW-3D and MW-8D and the pre-treatment samples collected from the former cleaners and hair salon POET system. This included the compounds PFOA and PFOS,

detected between 14 and 27 ng/L in the four samples. 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, January 2020), indicate that if PFOA or PFOS are detected at or above 10 ng/L or 10 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 2019 monitoring and sampling and O&M results, the requirements of the SMP should continue to be carried out into the 2020 monitoring period. However, HES proposes reducing the Site EC O&M and monitoring and sampling schedules (including POET and groundwater monitoring and sampling), from a semi-annual to an annual frequency. Based on the results from previous years of sampling, an annual sampling schedule could sufficiently identify trends in concentrations of contaminants of concern in the influent to the two POET systems and the monitoring wells across the Site. An annual POET system sampling schedule will also be sufficient for identifying contaminant breakthroughs in the two POET systems based the sampling history (only one breakthrough detected in the past four years). An annual monitoring and sampling schedule would also allow the responsible party to have more financial flexibility to complete necessary maintenance on the Site ECs (particularly the POET systems) and to meet any additional monitoring requests (such as additional emerging contaminant sampling) made by NYSDEC.

- 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.

TABLES

TABLE 1

Former LaRussell's Cleaners Site
406 Route 52, Lake Carmel, New York
NYSDEC Site No. 340020

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)
	2/28/2019	9/26/2019						
MW-3S	8.39	11.5	Crossgradient/West	13.90	3.9-13.9	654.4	2	N
MW-3D	NR	13.6	Crossgradient/West	55.50	44.5-55.5	654.5	2	Y
MW-6	7.55	12.4	Downgradient/South	55.50	35.5-55.5	652.4	3	Y
MW-8D	NR	2.75	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 8270)
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
February 2019

Sample ID Lab ID Sampling Date Client Matrix	NYSDEC AWQS	Former Cleaners Influent 19C0007-08 2/28/2019 Drinking Water		Former Cleaners Midfluent 19C0007-09 2/28/2019 Drinking Water		Former Cleaners Effluent 19C0007-10 2/28/2019 Drinking Water		Salon Influent 19C0007-11 2/28/2019 Drinking Water		Salon Midfluent 1 19C0007-12 2/28/2019 Drinking Water		Salon Midfluent 2 19C0007-13 2/28/2019 Drinking Water		Salon Effluent 19C0007-14 2/28/2019 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)															
Dilution Factor		1		1		1		1		1		1		1	
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	U	1	U	1	U	1	U	1	U	1	U
Benzene	1	0.200	U	0.200	U	0.200	U	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	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	0.310	J	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
February 2019

Sample ID Lab ID Sampling Date Client Matrix	NYSDEC AWQS	Former Cleaners Influent 19C0007-08 2/28/2019 Drinking Water		Former Cleaners Midfluent 19C0007-09 2/28/2019 Drinking Water		Former Cleaners Effluent 19C0007-10 2/28/2019 Drinking Water		Salon Influent 19C0007-11 2/28/2019 Drinking Water		Salon Midfluent 1 19C0007-12 2/28/2019 Drinking Water		Salon Midfluent 2 19C0007-13 2/28/2019 Drinking Water		Salon Effluent 19C0007-14 2/28/2019 Drinking Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
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	**13**		0.200	U	0.200	U	4.500		0.380	J	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
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	0.260	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	**59**		0.200	U	0.200	U	**82**		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	0.200	U	0.200	U
trans-1,2-Dichloroethylene	5	0.270	J	0.200	U	0.200	U	0.200	U	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	**20**		0.200	U	0.200	U	**5.200**		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:
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
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=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
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

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
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
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
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 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
February 2019

Sample ID Lab ID Sampling Date Client Matrix	NYSDEC AWQS	MW-3S 19C0007-01 2/28/2019 Water		MW-6 19C0007-02 2/28/2019 Water		MW-3D 19C0007-03 2/28/2019 Water		MW-8D 19C0007-04 2/28/2019 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 List - Low Level (ug/L)									
Dilution Factor		1		1		1		1	
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	0.200	U	0.200	U	0.200	U
1,2-Dichloroethane	0.6	0.200	U	0.200	U	0.200	U	0.200	U
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	U	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

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
February 2019

Sample ID Lab ID Sampling Date Client Matrix	NYSDEC AWQS	MW-3S 19C0007-01 2/28/2019 Water		MW-6 19C0007-02 2/28/2019 Water		MW-3D 19C0007-03 2/28/2019 Water		MW-8D 19C0007-04 2/28/2019 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
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	1	U	1	U	1	U	1	U
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	1.600		**11**		**18**		0.680	
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	0.250	J	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

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
February 2019

Sample ID Lab ID Sampling Date Client Matrix	NYSDEC AWQS	MW-3S 19C0007-01 2/28/2019 Water		MW-6 19C0007-02 2/28/2019 Water		MW-3D 19C0007-03 2/28/2019 Water		MW-8D 19C0007-04 2/28/2019 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
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	**12**		**37**		**69**		4.100	
Toluene	5	0.200	U	0.200	U	0.200	U	0.200	U
trans-1,2-Dichloroethylene	5	0.200	U	4.300		0.240	J	0.200	U
trans-1,3-Dichloropropylene	0.4	0.200	U	0.200	U	0.200	U	0.200	U
Trichloroethylene	5	1.800		3.900		**20**		0.760	
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:

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
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=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 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
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

Table 5

Former LaRussell's Cleaners Site
406 Route 52
Lake Carmel, New York
NYSDEC Site No. HW340020
Summary of Monitoring Well 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
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
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 6

Former LaRussell's Cleaners Site
406 Route 52
Lake Carmel, New York
NYSDEC Site No. HW340020
Comparison of Contaminant of Concern Results 2016 - 2019

Sample Source	NYSDEC AWQS	Former Cleaners POET Influent					Hair Salon POET Influent				
Sampling Date		6/27/2016	2/3/2017	9/22/2017	2/28/2019	9/26/2019	6/27/2016	2/3/2017	9/22/2017	2/28/2019	9/26/2019
Compound		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
cis-1,2-Dichloroethylene (DCE)	5	**19**	**15**	**11**	**13**	**7.8**	4.4	ND*	3.6	4.5	4.0
Tetrachloroethylene (PCE)	5	**14**	**54**	**89**	**59**	**41**	**130**	ND*	**130**	**82**	**110**
Trichloroethylene (TCE)	5	**12**	**20**	**19**	**20**	**12**	4.8	ND*	4	**5.2**	3.8
Sample Source	**NYSDEC AWQS**	**MW-3S**					**MW-3D**				
Sampling Date		**8/10/2016**	**2/3/2017**	**9/22/2017**	**2/28/2019**	**9/26/2019**	**8/10/2016**	**2/3/2017**	**9/22/2017**	**2/28/2019**	**9/26/2019**
Compound		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
cis-1,2-Dichloroethylene (DCE)	5	ND	ND	ND	1.6	0.8	**35**	**49**	**28**	**16**	**9.4**
Tetrachloroethylene (PCE)	5	**13**	ND	**12**	**12**	4.8	**160**	**180**	**220**	**37**	**52**
Trichloroethylene (TCE)	5	ND	ND	0.77	1.8	0.9	**38**	**49**	**31**	3.9	**11**
Sample Source	**NYSDEC AWQS**	**MW-6**					**MW-8D**				
Sampling Date		**8/10/2016**	**2/3/2017**	**9/22/2017**	**2/28/2019**	**9/26/2019**	**8/10/2016**	**2/3/2017**	**9/22/2017**	**2/28/2019**	**9/26/2019**
Compound		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
cis-1,2-Dichloroethylene (DCE)	5	**30**	**31**	**18**	**11**	**11**	ND	ND	ND	0.68	ND
Tetrachloroethylene (PCE)	5	**160**	**130**	**120**	**69**	**51**	1	2.4	0.94	4.1	1.3
Trichloroethylene (TCE)	5	**14**	ND	**8.1**	**12**	3.3	ND	0.36	ND	0.76	ND

NOTES:

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

No semi-annual sampling events were conducted during 2018.

Hair Salon POET Influent sample collected on 2/3/2017 may have been collected from incorrect sample port (midfluent or effluent) based on previous and following sampling results.

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 2019

Sample ID	MW-3D	MW-8D	MW-33DD	Former Cleaners Pre-Treatment	Salon Pre-Treatment	Field Blank
Lab ID	19C0007-03	19C0007-04	19C0007-05	19C0007-06	19C0007-07	19C0007-15
Sampling Date	2/28/2019	2/28/2019	2/28/2019	2/28/2019	2/28/2019	2/28/2019
Client Matrix	Groundwater	Groundwater	Groundwater	Drinking Water	Drinking Water	Drinking Water
Compound	Result	Result	Result	Result	Result	Result
SW-846 8270D (µg/L)						
1,4-Dioxane	ND (0.20)	ND (0.20)	NT	NT	NT	NT
PFAS, SOP 434-PFAAS (ng/L)				**PFAS, EPA Method 537 (ng/L)**		
Perfluorobutanesulfonic acid (PFBS)	7.4	21.0	8.1	66.0	26.0	ND (2.0)
Perfluorohexanoic acid (PFHxA)	11.0	8.5	9.5	16.0	9.8	ND (2.0)
Perfluoroheptanoic acid (PFHpA)	7.8	4.2	8.5	7.5	4.8	ND (2.0)
Perfluorobutanoic acid (PFBA)	ND (2.0)	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)
Perfluorodecanesulfonic acid (PFDS)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanesulfonic acid (PFHpS)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanesulfonamide (FOSA)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoropentanoic acid (PFPeA)	13.0	11.0	10.0	22.0	11.0	ND (2.0)
6:2 Fluorotelomersulfonate (6:2 FTS)	3.2	ND (2.0)	3.3	ND (2.0)	ND (2.0)	ND (2.0)
8:2 Fluorotelomersulfonate (8:2 FTS)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)	5.3	4.7	4.3	6.3	5.9	ND (2.0)
Perfluorooctanoic acid (PFOA)	14.0	14.0	14.0	16.0	14.0	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)	27.0	14.0	27.0	19.0	14.0	ND (2.0)
Perfluorononanoic acid (PFNA)	ND (2.0)	ND (2.0)	ND (2.0)	2.0	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)

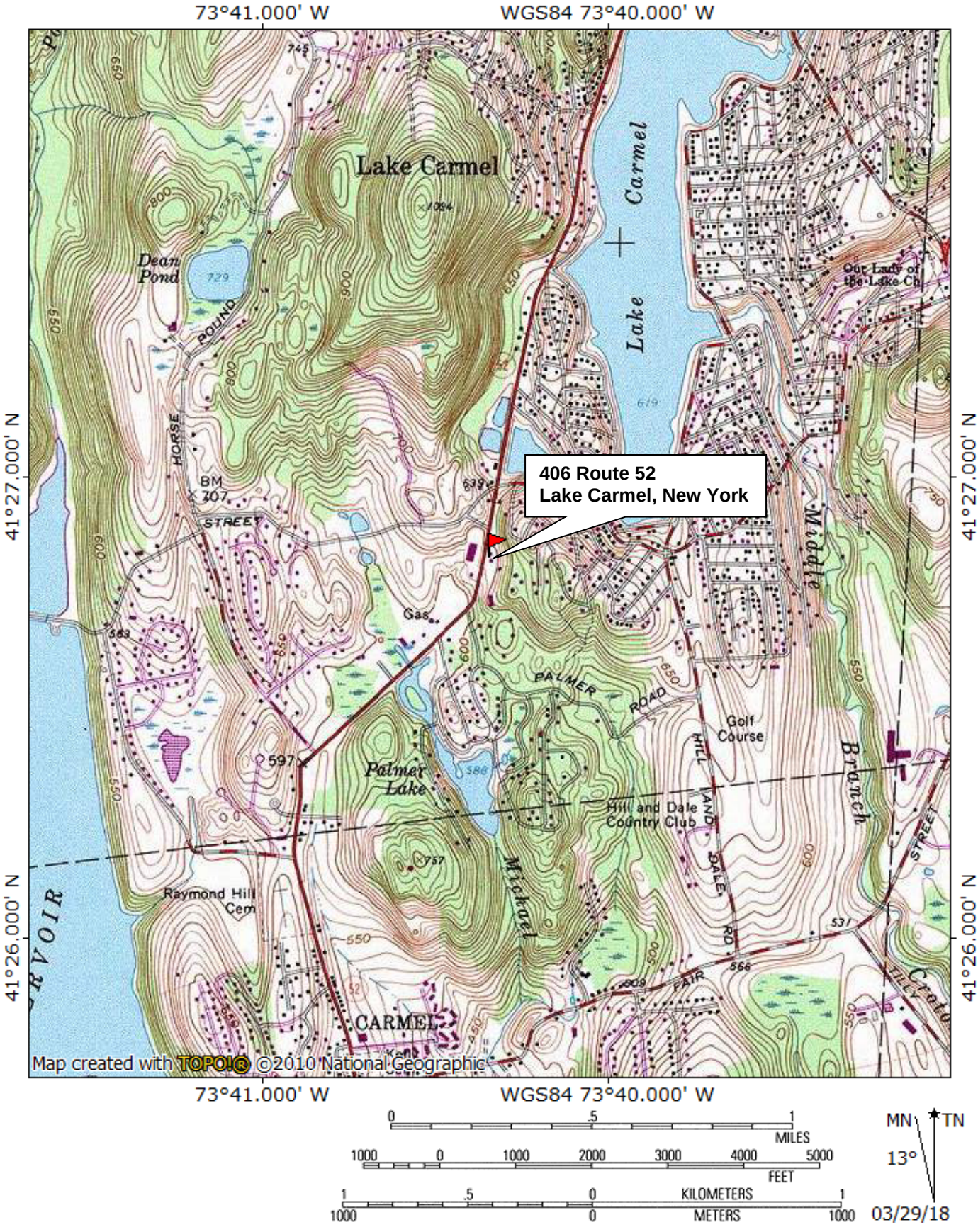
NOTES: An asterisk (*) following a detection limit indicates that the minimum laboratory reporting limit exceeds one or more of the regulatory criteria.
NT = Not tested.

HydroEnvironmental Solutions, Inc.

FIGURES

FIGURE 1

Site Location Map



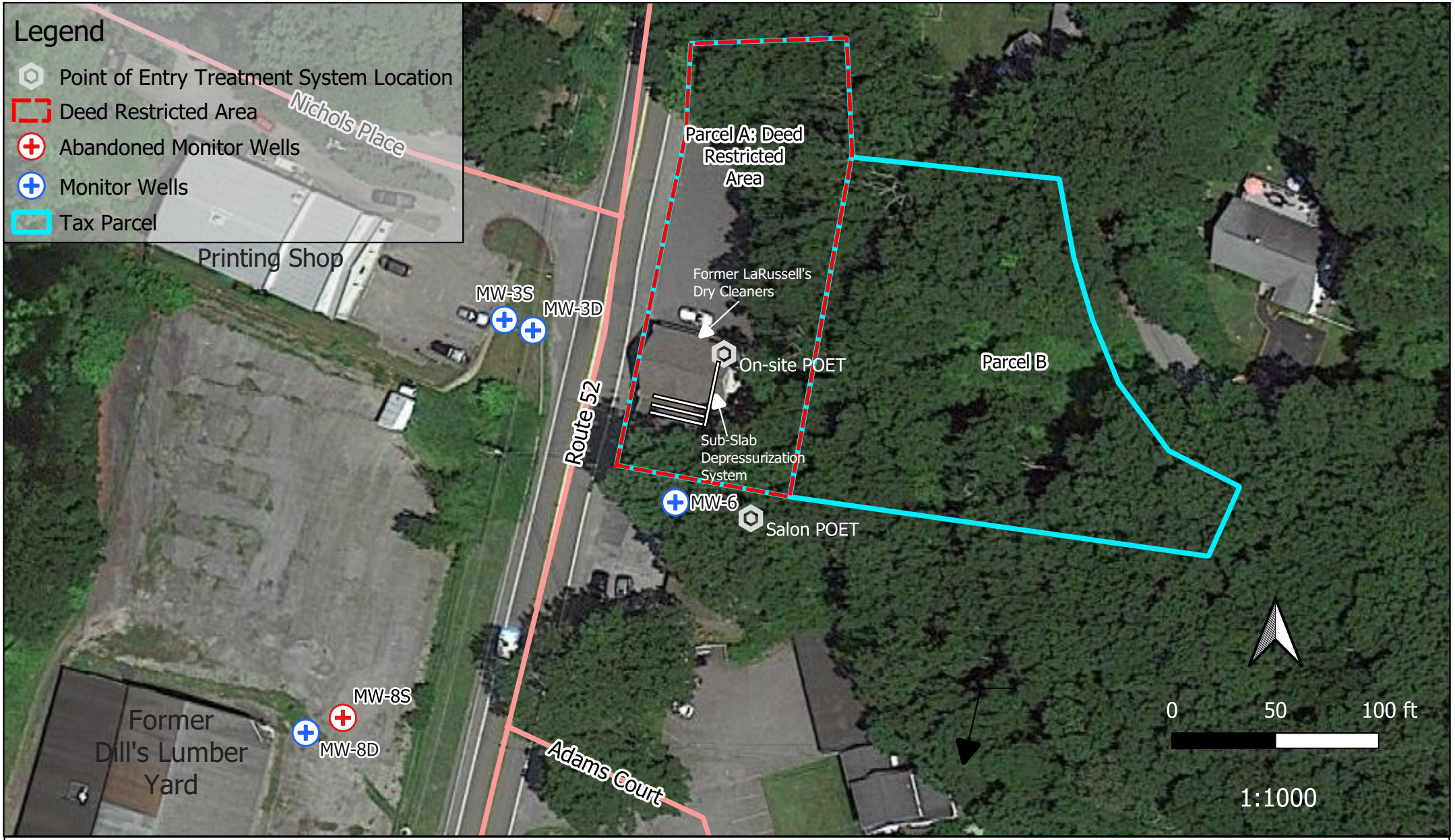


Figure 2

LARUSSELL'S CLEANERS SITE 406 Route 52 Lake Carmel, New York NYSDEC SITE NO. 340020	Generalized Site Plan	To Scale / May 2020 Monitoring Well and Engineering Control Locations	HydroEnvironmental SOLUTIONS, INC. One Deans Bridge Road Somers, New York 10589

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'

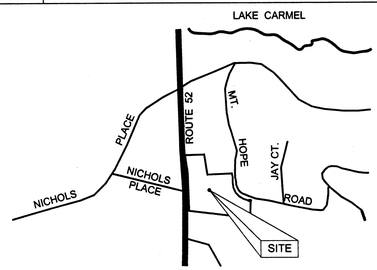
1 inch = 50 ft

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 POINT 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;

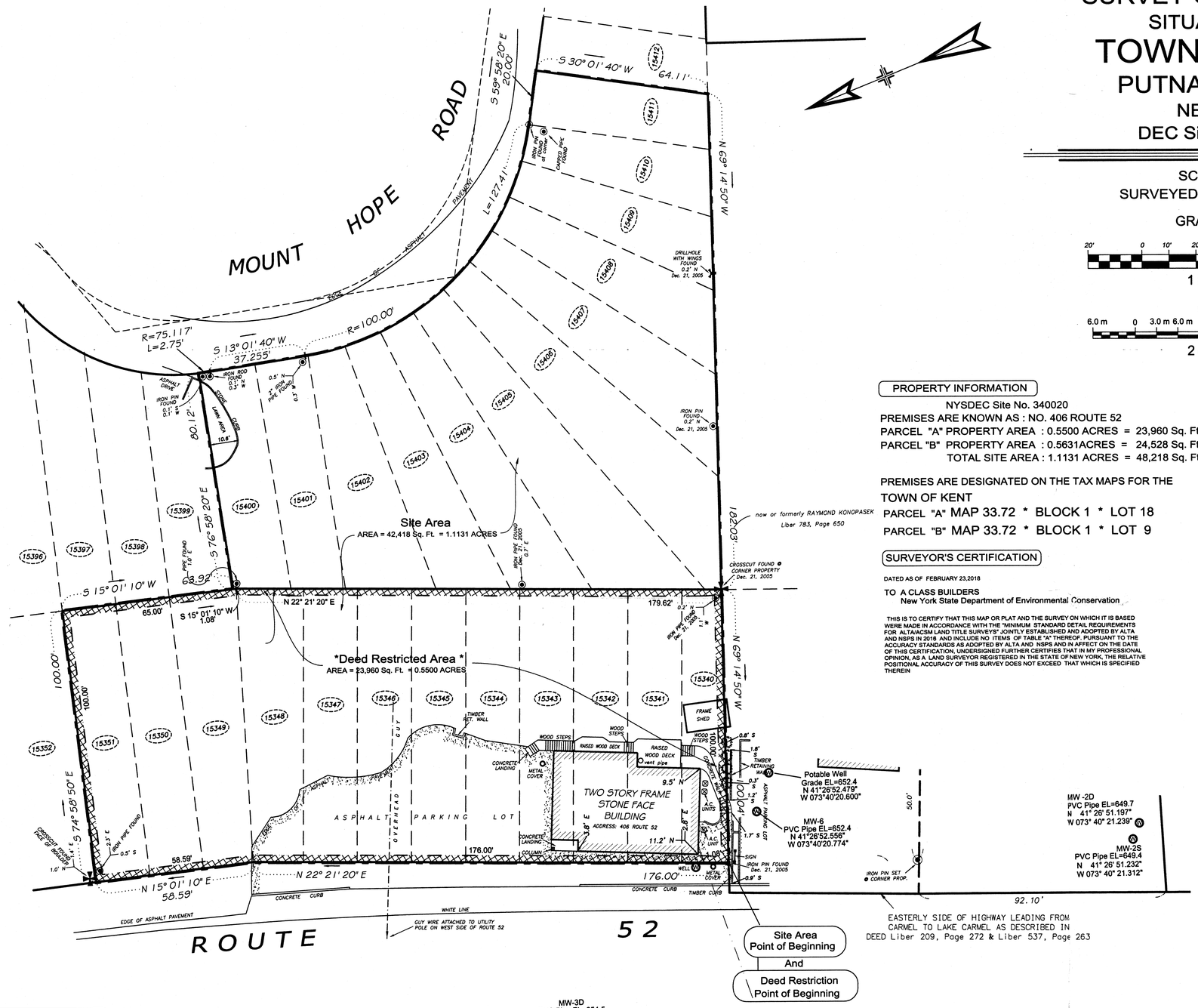
THENCE RUNNING ALONG THE EASTERLY SIDE OF ROUTE 52 AS SHOWN ON FILED MAP No. 130-L NORTH 22°21'20" EAST 176.00 FEET AND NORTH 15° 01'10" EAST 58.59 FEET TO THE DIVISION LINE BETWEEN LOT 15351 AND LOT 15352 THENCE ALONG SAID DIVISION LINE SOUTH 74°58'50" EAST 100.00 FEET TO THE DIVISION LINE BETWEEN LOT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



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.

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 LICENSED LAND SURVEYOR 050456
NEW YORK STATE LICENSED LAND SURVEYOR SEAL

APPENDIX B:

Laboratory Analytical Reports for POET System and Groundwater Sampling

Technical Report

prepared for:

Hydro Environmental Solutions
One Deans Bridge Road
Somers NY, 10589
Attention: Bill Canavan

Report Date: 03/18/2019
Client Project ID: 406 Rte. 52, Carmel, NY
York Project (SDG) No.: 19C0007

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: 03/18/2019
Client Project ID: 406 Rte. 52, Carmel, NY
York Project (SDG) No.: 19C0007

Hydro Environmental Solutions
One Deans Bridge Road
Somers NY, 10589
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 March 01, 2019 and listed below. The project was identified as your project: **406 Rte. 52, Carmel, NY**.

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
19C0007-01	MW-3S	Water	02/28/2019	03/01/2019
19C0007-02	MW-6	Water	02/28/2019	03/01/2019
19C0007-03	MW-3D	Water	02/28/2019	03/01/2019
19C0007-04	MW-8D	Water	02/28/2019	03/01/2019
19C0007-05	MW-33DD	Water	02/28/2019	03/01/2019
19C0007-06	Former Cleaners Pre-Treatment	Drinking Water	02/28/2019	03/01/2019
19C0007-07	Salon Pre-Treatment	Drinking Water	02/28/2019	03/01/2019
19C0007-08	Former Cleaners Influent	Drinking Water	02/28/2019	03/01/2019
19C0007-09	Former Cleaners Midfluent	Drinking Water	02/28/2019	03/01/2019
19C0007-10	Former Cleaners Effluent	Drinking Water	02/28/2019	03/01/2019
19C0007-11	Salon Influent	Drinking Water	02/28/2019	03/01/2019
19C0007-12	Salon Midfluent 1	Drinking Water	02/28/2019	03/01/2019
19C0007-13	Salon Midfluent 2	Drinking Water	02/28/2019	03/01/2019
19C0007-14	Salon Effluent	Drinking Water	02/28/2019	03/01/2019
19C0007-15	Field Blank	Water	02/28/2019	03/01/2019

General Notes for York Project (SDG) No.: 19C0007

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: 03/18/2019

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW-3S

York Sample ID: 19C0007-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	03/06/2019 02:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS

Sample Information

Client Sample ID: **MW-3S** **York Sample ID:** **19C0007-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
156-59-2	**cis-1,2-Dichloroethylene**	**1.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS

Sample Information

Client Sample ID: **MW-3S** **York Sample ID:** **19C0007-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26	SS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	**Tetrachloroethylene**	**12**	ICV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-01-6	**Trichloroethylene**	**1.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW-3S **York Sample ID:** 19C0007-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/06/2019 02:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*79-122*

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 19C0007-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:58	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:58	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	03/06/2019 02:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:58	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 02:58	SS

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 19C0007-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 19C0007-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	**cis-1,2-Dichloroethylene**	**11**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58	SS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58	SS

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 19C0007-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	**Tetrachloroethylene**	**37**	ICV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	**trans-1,2-Dichloroethylene**	**4.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-01-6	**Trichloroethylene**	**3.9**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 02:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*79-122*

Sample Information

Client Sample ID: MW-3D **York Sample ID:** 19C0007-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW-3D

York Sample ID: 19C0007-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW-3D

York Sample ID: 19C0007-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
156-59-2	**cis-1,2-Dichloroethylene**	**18**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS

Sample Information

Client Sample ID: MW-3D

York Sample ID: 19C0007-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.25**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/06/2019 03:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/06/2019 03:29	SS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29	SS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 03:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
127-18-4	**Tetrachloroethylene**	**69**	ICV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
156-60-5	**trans-1,2-Dichloroethylene**	**0.24**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
79-01-6	**Trichloroethylene**	**20**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 03:29	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/06/2019 03:29	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*

Sample Information

Client Sample ID: **MW-3D** **York Sample ID:** **19C0007-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*			*79-122*						

Analyzed by: Con-Test Analytical Laboratory

PFAS in Water by EPA 537

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
3871-99-6	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
	NMeFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
	NEtFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		

Surrogate Recoveries	Result	Acceptance Range
Surrogate: 13C-PFHxA	*%*	*70-130*
Surrogate: 13C-PFDA	*%*	*70-130*

Sample Information

Client Sample ID: MW-3D **York Sample ID:** 19C0007-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Analyzed by: Con-Test Analytical Laboratory

PFAS in Water by EPA 537

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d5-N-EtFOSAA	*%*			*70-130*					

Semi-Volatiles, 1,4-Dioxane by 8270-SIM (SUB)

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	See attached		ug/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
	Surrogate Recoveries	**Result**			**Acceptance Range**					
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*%*			*70-130*					

Sample Information

Client Sample ID: MW-8D **York Sample ID:** 19C0007-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	03/06/2019 04:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS

Sample Information

Client Sample ID: MW-8D

York Sample ID: 19C0007-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **MW-8D** **York Sample ID:** **19C0007-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.68**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS

Sample Information

Client Sample ID: MW-8D **York Sample ID:** 19C0007-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/06/2019 04:01	SS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01	SS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
127-18-4	**Tetrachloroethylene**	**4.1**	ICV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
79-01-6	**Trichloroethylene**	**0.76**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/06/2019 04:01	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*79-122*

Analyzed by: Con-Test Analytical Laboratory

PFAS in Water by EPA 537

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		

Sample Information

Client Sample ID: **MW-8D** **York Sample ID:** **19C0007-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Analyzed by: Con-Test Analytical Laboratory

PFAS in Water by EPA 537

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
3871-99-6	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
	NMeFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
	NEtFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		

Surrogate Recoveries	Result	Acceptance Range
Surrogate: 13C-PFHxA	*%*	*70-130*
Surrogate: 13C-PFDA	*%*	*70-130*
Surrogate: d5-N-EtFOSAA	*%*	*70-130*

Semi-Volatiles, 1,4-Dioxane by 8270-SIM (SUB)

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	See attached		ug/L	See attach	1	See attached Certifications:	02/28/2019 15:00		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*%*	*70-130*

Sample Information

Client Sample ID: **MW-8D** **York Sample ID:** **19C0007-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Sample Information

Client Sample ID: **MW-33DD** **York Sample ID:** **19C0007-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Analyzed by: Con-Test Analytical Laboratory

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
3871-99-6	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
	NMeFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
	NEtFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		

Surrogate Recoveries	Result	Acceptance Range
Surrogate: 13C-PFHxA	*%*	*70-130*
Surrogate: 13C-PFDA	*%*	*70-130*

Sample Information

Client Sample ID: MW-33DD **York Sample ID:** 19C0007-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 3:00 pm	03/01/2019

Analyzed by: Con-Test Analytical Laboratory

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d5-N-EtFOSAA	*%*			*70-130*					

Sample Information

Client Sample ID: Former Cleaners Pre-Treatment **York Sample ID:** 19C0007-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Analyzed by: Con-Test Analytical Laboratory

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
3871-99-6	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
	NMeFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
	NEtFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		

Sample Information

Client Sample ID: **Former Cleaners Pre-Treatment** **York Sample ID:** **19C0007-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Analyzed by: Con-Test Analytical Laboratory

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		

Surrogate Recoveries	Result	Acceptance Range
Surrogate: 13C-PFHxA	*%*	*70-130*
Surrogate: 13C-PFDA	*%*	*70-130*
Surrogate: d5-N-EtFOSAA	*%*	*70-130*

Sample Information

Client Sample ID: **Salon Pre-Treatment** **York Sample ID:** **19C0007-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Analyzed by: Con-Test Analytical Laboratory

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
3871-99-6	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		

Sample Information

Client Sample ID: **Salon Pre-Treatment** **York Sample ID:** **19C0007-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Analyzed by: Con-Test Analytical Laboratory

PFAS in Water by EPA 537

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	NMeFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
	NEtFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 15:00		

Surrogate Recoveries	Result	Acceptance Range
Surrogate: 13C-PFHxA	*%*	*70-130*
Surrogate: 13C-PFDA	*%*	*70-130*
Surrogate: d5-N-EtFOSAA	*%*	*70-130*

Sample Information

Client Sample ID: **Former Cleaners Influent** **York Sample ID:** **19C0007-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS

Sample Information

Client Sample ID: **Former Cleaners Influent** **York Sample ID:** **19C0007-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **Former Cleaners Influent** **York Sample ID:** **19C0007-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
156-59-2	**cis-1,2-Dichloroethylene**	**13**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.26**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 04:32	SS

Sample Information

Client Sample ID: **Former Cleaners Influent** **York Sample ID:** **19C0007-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32	SS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	**Tetrachloroethylene**	**59**	ICV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	**trans-1,2-Dichloroethylene**	**0.27**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-01-6	**Trichloroethylene**	**20**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 04:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*	*79-122*

Sample Information

Client Sample ID: **Former Cleaners Midfluent** **York Sample ID:** **19C0007-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **Former Cleaners Midfluent** **York Sample ID:** **19C0007-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **Former Cleaners Midfluent** **York Sample ID:** **19C0007-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **Former Cleaners Midfluent** **York Sample ID:** **19C0007-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/06/2019 05:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*79-122*

Sample Information

Client Sample ID: **Former Cleaners Effluent** **York Sample ID:** **19C0007-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 05:35	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 05:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 05:35	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 05:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 05:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 05:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 05:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	03/06/2019 05:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 05:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 05:35	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 05:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 05:35	SS

Sample Information

Client Sample ID: **Former Cleaners Effluent** **York Sample ID:** **19C0007-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **Former Cleaners Effluent** **York Sample ID:** **19C0007-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **Former Cleaners Effluent** **York Sample ID:** **19C0007-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 05:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

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

Sample Information

Client Sample ID: **Salon Influent** **York Sample ID:** **19C0007-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **Salon Influent** **York Sample ID:** **19C0007-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **Salon Influent** **York Sample ID:** **19C0007-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	**cis-1,2-Dichloroethylene**	**4.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **Salon Influent** **York Sample ID:** **19C0007-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	**Tetrachloroethylene**	**82**	ICV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-01-6	**Trichloroethylene**	**5.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	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*	*109 %*	*79-122*

Sample Information

Client Sample ID: **Salon Influent** **York Sample ID:** **19C0007-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Sample Information

Client Sample ID: **Salon Midfluent 1** **York Sample ID:** **19C0007-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: Salon Midfluent 1 **York Sample ID:** 19C0007-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	**Chloroform**	**0.31**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.38**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: Salon Midfluent 1 **York Sample ID:** 19C0007-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39	SS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **Salon Midfluent 1** **York Sample ID:** **19C0007-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 06:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*79-122*

Sample Information

Client Sample ID: **Salon Midfluent 2** **York Sample ID:** **19C0007-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: Salon Midfluent 2 **York Sample ID:** 19C0007-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:10	SS

Sample Information

Client Sample ID: Salon Midfluent 2 **York Sample ID:** 19C0007-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: **Salon Midfluent 2** **York Sample ID:** **19C0007-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*79-122*

Sample Information

Client Sample ID: **Salon Effluent** **York Sample ID:** **19C0007-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **Salon Effluent** **York Sample ID:** **19C0007-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: Salon Effluent

York Sample ID: 19C0007-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: Salon Effluent

York Sample ID: 19C0007-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/05/2019 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/06/2019 07:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/06/2019 07:42	SS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30	03/06/2019 07:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/06/2019 07:42	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/05/2019 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/06/2019 07:42	SS

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **Salon Effluent** **York Sample ID:** **19C0007-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Drinking Water	February 28, 2019 3:00 pm	03/01/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*			*79-122*						

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **19C0007-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 12:00 am	03/01/2019

Analyzed by: **Con-Test Analytical Laboratory**

PFAS in Water by EPA 537

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		
3871-99-6	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		
	NMeFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		
	NEtFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **19C0007-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19C0007	406 Rte. 52, Carmel, NY	Water	February 28, 2019 12:00 am	03/01/2019

Analyzed by: Con-Test Analytical Laboratory

PFAS in Water by EPA 537

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	See attached Certifications:	02/28/2019 00:00		

Surrogate Recoveries	Result	Acceptance Range
Surrogate: 13C-PFHxA	*%*	*70-130*
Surrogate: 13C-PFDA	*%*	*70-130*
Surrogate: d5-N-EtFOSAA	*%*	*70-130*

Analytical Batch Summary

Batch ID: BC90168 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
19C0007-01	MW-3S	03/05/19
19C0007-02	MW-6	03/05/19
19C0007-03	MW-3D	03/05/19
19C0007-04	MW-8D	03/05/19
19C0007-08	Former Cleaners Influent	03/05/19
19C0007-09	Former Cleaners Midfluent	03/05/19
19C0007-10	Former Cleaners Effluent	03/05/19
19C0007-11	Salon Influent	03/05/19
19C0007-12	Salon Midfluent 1	03/05/19
19C0007-13	Salon Midfluent 2	03/05/19
19C0007-14	Salon Effluent	03/05/19
BC90168-BLK1	Blank	03/05/19
BC90168-BS1	LCS	03/05/19
BC90168-BSD1	LCS Dup	03/05/19

Batch ID: See attached **Preparation Method:** Analysis Preparation **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
19C0007-03	MW-3D	02/28/19
19C0007-03	MW-3D	02/28/19
19C0007-04	MW-8D	02/28/19
19C0007-04	MW-8D	02/28/19
19C0007-05	MW-33DD	02/28/19
19C0007-06	Former Cleaners Pre-Treatment	02/28/19
19C0007-07	Salon Pre-Treatment	02/28/19
19C0007-15	Field Blank	02/28/19

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC90168 - EPA 5030B											
Blank (BC90168-BLK1)											
Prepared: 03/05/2019 Analyzed: 03/06/2019											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC90168 - EPA 5030B											
Blank (BC90168-BLK1)									Prepared: 03/05/2019 Analyzed: 03/06/2019		
Methylene chloride	ND	2.0	ug/L								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.7*		*"*	*10.0*		*107*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				
LCS (BC90168-BS1)									Prepared: 03/05/2019 Analyzed: 03/06/2019		
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0		111	82-126				
1,1,1-Trichloroethane	9.77		"	10.0		97.7	78-136				
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165				
1,1,2-Trichloroethane	10.6		"	10.0		106	82-123				
1,1-Dichloroethane	9.93		"	10.0		99.3	82-129				
1,1-Dichloroethylene	9.88		"	10.0		98.8	68-138				
1,1-Dichloropropylene	9.66		"	10.0		96.6	83-133				
1,2,3-Trichlorobenzene	10.6		"	10.0		106	76-136				
1,2,3-Trichloropropane	11.6		"	10.0		116	77-128				
1,2,4,5-Tetramethylbenzene	11.1		"	10.0		111	85-140				
1,2,4-Trichlorobenzene	10.5		"	10.0		105	76-137				
1,2,4-Trimethylbenzene	10.9		"	10.0		109	82-132				
1,2-Dibromo-3-chloropropane	12.1		"	10.0		121	45-147				
1,2-Dibromoethane	10.6		"	10.0		106	83-124				
1,2-Dichlorobenzene	10.9		"	10.0		109	79-123				
1,2-Dichloroethane	10.1		"	10.0		101	73-132				
1,2-Dichloropropane	10.7		"	10.0		107	78-126				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131				
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122				
1,3-Dichloropropane	10.9		"	10.0		109	81-125				
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124				
2,2-Dichloropropane	7.83		"	10.0		78.3	56-150				
2-Butanone	8.90		"	10.0		89.0	49-152				
2-Chlorotoluene	11.1		"	10.0		111	79-130				
2-Hexanone	8.74		"	10.0		87.4	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC90168 - EPA 5030B											
LCS (BC90168-BS1)								Prepared: 03/05/2019 Analyzed: 03/06/2019			
4-Chlorotoluene	11.0		ug/L	10.0		110	79-128				
4-Methyl-2-pentanone	11.1		"	10.0		111	57-145				
Acetone	7.92		"	10.0		79.2	14-150				
Benzene	9.67		"	10.0		96.7	85-126				
Bromobenzene	11.2		"	10.0		112	78-129				
Bromochloromethane	10.0		"	10.0		100	77-128				
Bromodichloromethane	10.9		"	10.0		109	79-128				
Bromoform	10.9		"	10.0		109	78-133				
Bromomethane	3.33		"	10.0		33.3	43-168	Low Bias			
Carbon disulfide	10.2		"	10.0		102	68-146				
Carbon tetrachloride	9.95		"	10.0		99.5	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	11.4		"	10.0		114	65-136				
Chloroform	9.81		"	10.0		98.1	82-128				
Chloromethane	9.80		"	10.0		98.0	43-155				
cis-1,2-Dichloroethylene	9.61		"	10.0		96.1	83-129				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131				
Dibromochloromethane	10.9		"	10.0		109	80-130				
Dibromomethane	10.7		"	10.0		107	72-134				
Dichlorodifluoromethane	11.8		"	10.0		118	44-144				
Ethyl Benzene	10.8		"	10.0		108	80-131				
Hexachlorobutadiene	9.92		"	10.0		99.2	67-146				
Isopropylbenzene	10.7		"	10.0		107	76-140				
Methyl tert-butyl ether (MTBE)	9.91		"	10.0		99.1	76-135				
Methylene chloride	9.88		"	10.0		98.8	55-137				
Naphthalene	10.9		"	10.0		109	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	10.9		"	10.0		109	78-133				
o-Xylene	10.9		"	10.0		109	78-130				
p- & m- Xylenes	22.5		"	20.0		112	77-133				
p-Diethylbenzene	11.9		"	10.0		119	84-134				
p-Ethyltoluene	11.4		"	10.0		114	88-129				
p-Isopropyltoluene	11.0		"	10.0		110	81-136				
sec-Butylbenzene	11.3		"	10.0		113	79-137				
Styrene	10.8		"	10.0		108	67-132				
tert-Butylbenzene	10.8		"	10.0		108	77-138				
Tetrachloroethylene	6.73		"	10.0		67.3	82-131	Low Bias			
Toluene	11.0		"	10.0		110	80-127				
trans-1,2-Dichloroethylene	9.65		"	10.0		96.5	80-132				
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131				
Trichloroethylene	10.7		"	10.0		107	82-128				
Trichlorofluoromethane	11.1		"	10.0		111	67-139				
Vinyl Chloride	11.0		"	10.0		110	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.7*		*"*	*10.0*		*107*	*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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC90168 - EPA 5030B											
LCS Dup (BC90168-BSD1)									Prepared: 03/05/2019 Analyzed: 03/06/2019		
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126		3.10	30	
1,1,1-Trichloroethane	9.14		"	10.0		91.4	78-136		6.66	30	
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	76-129		0.353	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.75		"	10.0		97.5	54-165		5.29	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		4.05	30	
1,1-Dichloroethane	9.32		"	10.0		93.2	82-129		6.34	30	
1,1-Dichloroethylene	9.30		"	10.0		93.0	68-138		6.05	30	
1,1-Dichloropropylene	8.89		"	10.0		88.9	83-133		8.30	30	
1,2,3-Trichlorobenzene	10.9		"	10.0		109	76-136		2.70	30	
1,2,3-Trichloropropane	11.2		"	10.0		112	77-128		3.94	30	
1,2,4,5-Tetramethylbenzene	10.9		"	10.0		109	85-140		2.00	30	
1,2,4-Trichlorobenzene	10.5		"	10.0		105	76-137		0.381	30	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132		2.59	30	
1,2-Dibromo-3-chloropropane	12.6		"	10.0		126	45-147		3.88	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		3.74	30	
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123		4.30	30	
1,2-Dichloroethane	9.87		"	10.0		98.7	73-132		2.70	30	
1,2-Dichloropropane	10.0		"	10.0		100	78-126		6.95	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		2.74	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		2.50	30	
1,3-Dichloropropane	10.3		"	10.0		103	81-125		5.56	30	
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124		1.43	30	
2,2-Dichloropropane	7.28		"	10.0		72.8	56-150		7.28	30	
2-Butanone	8.32		"	10.0		83.2	49-152		6.74	30	
2-Chlorotoluene	10.9		"	10.0		109	79-130		2.36	30	
2-Hexanone	8.59		"	10.0		85.9	51-146		1.73	30	
4-Chlorotoluene	10.7		"	10.0		107	79-128		2.85	30	
4-Methyl-2-pentanone	10.9		"	10.0		109	57-145		1.73	30	
Acetone	7.61		"	10.0		76.1	14-150		3.99	30	
Benzene	9.14		"	10.0		91.4	85-126		5.64	30	
Bromobenzene	11.0		"	10.0		110	78-129		1.99	30	
Bromochloromethane	9.55		"	10.0		95.5	77-128		4.70	30	
Bromodichloromethane	10.4		"	10.0		104	79-128		4.68	30	
Bromoform	10.4		"	10.0		104	78-133		4.60	30	
Bromomethane	3.38		"	10.0		33.8	43-168	Low Bias	1.49	30	
Carbon disulfide	9.51		"	10.0		95.1	68-146		7.10	30	
Carbon tetrachloride	9.38		"	10.0		93.8	77-141		5.90	30	
Chlorobenzene	10.0		"	10.0		100	88-120		3.43	30	
Chloroethane	10.4		"	10.0		104	65-136		9.37	30	
Chloroform	9.27		"	10.0		92.7	82-128		5.66	30	
Chloromethane	9.50		"	10.0		95.0	43-155		3.11	30	
cis-1,2-Dichloroethylene	9.01		"	10.0		90.1	83-129		6.44	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131		3.62	30	
Dibromochloromethane	10.4		"	10.0		104	80-130		4.04	30	
Dibromomethane	9.84		"	10.0		98.4	72-134		8.65	30	
Dichlorodifluoromethane	10.7		"	10.0		107	44-144		9.25	30	
Ethyl Benzene	10.2		"	10.0		102	80-131		5.69	30	
Hexachlorobutadiene	9.87		"	10.0		98.7	67-146		0.505	30	
Isopropylbenzene	10.3		"	10.0		103	76-140		3.33	30	
Methyl tert-butyl ether (MTBE)	9.63		"	10.0		96.3	76-135		2.87	30	
Methylene chloride	9.46		"	10.0		94.6	55-137		4.34	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC90168 - EPA 5030B											
LCS Dup (BC90168-BSD1)									Prepared: 03/05/2019 Analyzed: 03/06/2019		
Naphthalene	11.6		ug/L	10.0		116	70-147		6.22	30	
n-Butylbenzene	10.2		"	10.0		102	79-132		2.41	30	
n-Propylbenzene	10.5		"	10.0		105	78-133		3.93	30	
o-Xylene	10.3		"	10.0		103	78-130		6.04	30	
p- & m- Xylenes	21.1		"	20.0		105	77-133		6.43	30	
p-Diethylbenzene	11.5		"	10.0		115	84-134		3.68	30	
p-Ethyltoluene	11.2		"	10.0		112	88-129		1.95	30	
p-Isopropyltoluene	10.5		"	10.0		105	81-136		4.66	30	
sec-Butylbenzene	10.8		"	10.0		108	79-137		4.16	30	
Styrene	10.1		"	10.0		101	67-132		6.12	30	
tert-Butylbenzene	10.5		"	10.0		105	77-138		2.35	30	
Tetrachloroethylene	6.13		"	10.0		61.3	82-131	Low Bias	9.33	30	
Toluene	10.3		"	10.0		103	80-127		6.31	30	
trans-1,2-Dichloroethylene	9.07		"	10.0		90.7	80-132		6.20	30	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131		2.76	30	
Trichloroethylene	10.0		"	10.0		100	82-128		6.66	30	
Trichlorofluoromethane	10.2		"	10.0		102	67-139		8.26	30	
Vinyl Chloride	10.2		"	10.0		102	58-145		8.20	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*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
19C0007-01	MW-3S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19C0007-02	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19C0007-03	MW-3D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19C0007-04	MW-8D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19C0007-08	Former Cleaners Influent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19C0007-09	Former Cleaners Midfluent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19C0007-10	Former Cleaners Effluent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19C0007-11	Salon Influent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19C0007-12	Salon Midfluent 1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19C0007-13	Salon Midfluent 2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19C0007-14	Salon Effluent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

See attach	See attached
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 19C0007

YOUR Information
Company: HES, Inc.
Address: One Deans Bridge Road
Somers, New York 10589
Phone No. (914) 276-2560
Contact Person:
E-Mail Address:

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
406 Rte 52
Carmel, NY
Samples from: CT ___ NY X NJ ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard(5-7 Days) ☒

Report Type
Summary Report ✓
Summary w/ QA Summary
CT RCP Package
CTRCP DQA/DUE Pkg
NY ASP A Package
NY ASP B Package
NJDEP Red. Deliv.
Electronic Data Deliverables (EDD)
Simple Excel
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Patrick Monturori
Samples Collected/Authorized By (Signature)
Patrick Monturori
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-3S	2/28/19	GW	EPA 8260	(3) VOAs - HCl
MW-6				
MW-3D			8260, 1,4-Dioxane, PFAS	(3) HCl VOAs (1) Amber (2) HDPE 250 ml
MW-8D *				
MW-33DD			PFAS	(2) HDPE 250 ml
Former Cleaners Pre-Treatment		DW	PFAS	
Salon Pre-Treatment		DW	PFAS	

Comments
* (2) extra 250-ml, PFAS containers for MS/MSD

Preservation
Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Patrick Monturori 3-1-19 — Samples Relinquished By — Date/Time
Clinic 3-1-19 10:25 — Samples Received By — Date/Time
Clinic 3-1-19 1503 — Samples Relinquished By — Date/Time
[illegible] 3-1-19 1503 — Samples Received in LAB by — Date/Time

Temperature on Receipt
1.0 °C

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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York Project No. 1900007

YOUR Information
Company: HES, Inc.
Address: One Deans Bridge Road
Somers, New York 10589
Phone No. (914) 276-2560
Contact Person:
E-Mail Address:

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
406 Rte 52
Carmel, NY

Samples from: CT ___ NY X NJ ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard(5-7 Days) ☒

Report Type
Summary Report ✓
Summary w/ QA Summary
CT RCP Package
CTRCP DQA/DUE Pkg
NY ASP A Package
NY ASP B Package
NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)
Simple Excel
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Patrick Manturi
Samples Collected/Authorized By (Signature)
Patrick Manturi
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
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STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
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App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Former Cleaners Influent	2/28/19	DW	EPA Method 8260	(3) HCl VOAs
Former Cleaners Midfluent				
Former Cleaners Effluent				
Salon Influent				
Salon Midfluent 1				
Salon Midfluent 2				
Salon Effluent				

Comments

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Patrick Manturi 3-1-19
Samples Relinquished By Date/Time

Chris C 3-1-19 1503
Samples Relinquished By Date/Time

Chris C 3-1-19 1025
Samples Received By Date/Time

[signature] 3-1-19 1503
Samples Received in LAB by Date/Time

Temperature on Receipt 1.0 °C

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

March 18, 2019

Richard August
York Analytical Labs
120 Research Drive
Stratford, CT 06615

Project Location: -
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 19C0077

Enclosed are results of analyses for samples received by the laboratory on March 4, 2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kerry K. McGee
Project Manager

Table of Contents

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

York Analytical Labs
120 Research Drive
Stratford, CT 06615
ATTN: Richard August

REPORT DATE: 3/18/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19C0077

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: -

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
19C0007-03	19C0077-01	Water		SOP 434-PFAAS	
				SW-846 8270D	
19C0007-04	19C0077-02	Water		SOP 434-PFAAS	
				SW-846 8270D	
19C0007-05	19C0077-03	Water		SOP 434-PFAAS	
19C0007-06	19C0077-04	Drinking Water		EPA 537	
19C0007-07	19C0077-05	Drinking Water		EPA 537	
19C0007-15	19C0077-06	Water		SOP 434-PFAAS	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA 537

Qualifications:

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

6:2 Fluorotelomersulfonate (6:2 FT
B225407-BS1

SOP 434-PFAAS

Qualifications:

MS-07A

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Perfluorododecanoic acid (PFDoA)
B224976-MS1, B224976-MSD1

Perfluorotetradecanoic acid (PFTA
B224976-MS1, B224976-MSD1

Perfluorotridecanoic acid (PFTrDA
B224976-MS1, B224976-MSD1

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

Perfluorooctanesulfonamide (FOSA
B224976-MSD1

S-26

Surrogate outside of control limits.

Analyte & Samples(s) Qualified:

13C-PFDA
19C0077-03[19C0007-05]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: -
Sample Description:
Work Order: 19C0077

Date Received: 3/4/2019

Field Sample #: 19C0007-03
Sampled: 2/28/2019 15:00

Sample ID: 19C0077-01

Sample Matrix: Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.20	µg/L	1		SW-846 8270D	3/6/19	3/12/19 18:31	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,4-Dioxane-d8	17.9	15-110		3/12/19 18:31

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: -
Sample Description:
Work Order: 19C0077

Date Received: 3/4/2019

Field Sample #: 19C0007-03
Sampled: 2/28/2019 15:00

Sample ID: 19C0077-01

Sample Matrix: Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	7.4	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluorohexanoic acid (PFHxA)	11	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluoroheptanoic acid (PFHpA)	7.8	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluorobutanoic acid (PFBA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluorodecanesulfonic acid (PFDS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluorooctanesulfonamide (FOSA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluoropentanoic acid (PFPeA)	13	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
6:2 Fluorotelomersulfonate (6:2 FTS)	3.2	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
8:2 Fluorotelomersulfonate (8:2 FTS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluorohexanesulfonic acid (PFHxS)	5.3	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluorooctanoic acid (PFOA)	14	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluorooctanesulfonic acid (PFOS)	27	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluorononanoic acid (PFNA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluorodecanoic acid (PFDA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
NMeFOSAA	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluoroundecanoic acid (PFUnA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
NEtFOSAA	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluorododecanoic acid (PFDoA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluorotridecanoic acid (PFTrDA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF
Perfluorotetradecanoic acid (PFTA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 13:56	KAF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C-PFHxA	104	70-130		3/6/19 13:56
13C-PFDA	74.8	70-130		3/6/19 13:56
d5-NEtFOSAA	93.2	70-130		3/6/19 13:56

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: -
Sample Description:
Work Order: 19C0077

Date Received: 3/4/2019

Field Sample #: 19C0007-04
Sampled: 2/28/2019 15:00

Sample ID: 19C0077-02

Sample Matrix: Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.20	µg/L	1		SW-846 8270D	3/6/19	3/12/19 18:51	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,4-Dioxane-d8	24.5	15-110		3/12/19 18:51

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Project Location: -
Sample Description:
Work Order: 19C0077

Date Received: 3/4/2019

Field Sample #: 19C0007-04
Sampled: 2/28/2019 15:00

Sample ID: 19C0077-02

Sample Matrix: Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	21	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluorohexanoic acid (PFHxA)	8.5	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluoroheptanoic acid (PFHpA)	4.2	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluorobutanoic acid (PFBA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluorodecanesulfonic acid (PFDS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluorooctanesulfonamide (FOSA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluoropentanoic acid (PFPeA)	11	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
6:2 Fluorotelomersulfonate (6:2 FTS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
8:2 Fluorotelomersulfonate (8:2 FTS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluorohexanesulfonic acid (PFHxS)	4.7	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluorooctanoic acid (PFOA)	14	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluorooctanesulfonic acid (PFOS)	14	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluorononanoic acid (PFNA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluorodecanoic acid (PFDA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
NMeFOSAA	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluoroundecanoic acid (PFUnA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
NEtFOSAA	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluorododecanoic acid (PFDoA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluorotridecanoic acid (PFTrDA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF
Perfluorotetradecanoic acid (PFTA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:08	KAF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C-PFHxA	100	70-130		3/6/19 14:08
13C-PFDA	70.0	70-130		3/6/19 14:08
d5-NEtFOSAA	81.6	70-130		3/6/19 14:08

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Project Location: -
Sample Description:
Work Order: 19C0077

Date Received: 3/4/2019

Field Sample #: 19C0007-05
Sampled: 2/28/2019 15:00

Sample ID: 19C0077-03

Sample Matrix: Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	8.1	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluorohexanoic acid (PFHxA)	9.5	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluoroheptanoic acid (PFHpA)	8.5	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluorobutanoic acid (PFBA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluorodecanesulfonic acid (PFDS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluorooctanesulfonamide (FOSA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluoropentanoic acid (PFPeA)	10	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
6:2 Fluorotelomersulfonate (6:2 FTS)	3.3	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
8:2 Fluorotelomersulfonate (8:2 FTS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluorohexanesulfonic acid (PFHxS)	4.3	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluorooctanoic acid (PFOA)	14	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluorooctanesulfonic acid (PFOS)	27	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluorononanoic acid (PFNA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluorodecanoic acid (PFDA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
NMeFOSAA	2.2	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluoroundecanoic acid (PFUnA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
NEtFOSAA	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluorododecanoic acid (PFDoA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluorotridecanoic acid (PFTrDA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF
Perfluorotetradecanoic acid (PFTA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:21	KAF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C-PFHxA	88.6	70-130		3/6/19 14:21
13C-PFDA	**61.2** *	70-130	S-26	3/6/19 14:21
d5-NEtFOSAA	77.0	70-130		3/6/19 14:21

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Project Location: -
Sample Description:
Work Order: 19C0077

Date Received: 3/4/2019

Field Sample #: 19C0007-06
Sampled: 2/28/2019 15:00

Sample ID: 19C0077-04

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	66	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluorohexanoic acid (PFHxA)	16	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluoroheptanoic acid (PFHpA)	7.5	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluorobutanoic acid (PFBA)	2.2	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluorodecanesulfonic acid (PFDS)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluorooctanesulfonamide (FOSA)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluoropentanoic acid (PFPeA)	22	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
6:2 Fluorotelomersulfonate (6:2 FTS)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
8:2 Fluorotelomersulfonate (8:2 FTS)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluorohexanesulfonic acid (PFHxS)	6.3	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluorooctanoic acid (PFOA)	16	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluorooctanesulfonic acid (PFOS)	19	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluorononanoic acid (PFNA)	2.0	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluorodecanoic acid (PFDA)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
NMeFOSAA	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluoroundecanoic acid (PFUnA)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
NEtFOSAA	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluorododecanoic acid (PFDoA)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluorotridecanoic acid (PFTrDA)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF
Perfluorotetradecanoic acid (PFTA)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:01	KAF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C-PFHxA	98.0	70-130		3/13/19 15:01
13C-PFDA	93.7	70-130		3/13/19 15:01
d5-NEtFOSAA	92.5	70-130		3/13/19 15:01

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: -
Sample Description:
Work Order: 19C0077

Date Received: 3/4/2019

Field Sample #: 19C0007-07
Sampled: 2/28/2019 15:00

Sample ID: 19C0077-05

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	MCL/SMCL MA ORSG	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	26	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluorohexanoic acid (PFHxA)	9.8	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluoroheptanoic acid (PFHpA)	4.8	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluorobutanoic acid (PFBA)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluorodecanesulfonic acid (PFDS)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluorooctanesulfonamide (FOSA)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluoropentanoic acid (PFPeA)	11	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
6:2 Fluorotelomersulfonate (6:2 FTS)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
8:2 Fluorotelomersulfonate (8:2 FTS)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluorohexanesulfonic acid (PFHxS)	5.9	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluorooctanoic acid (PFOA)	14	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluorooctanesulfonic acid (PFOS)	14	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluorononanoic acid (PFNA)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluorodecanoic acid (PFDA)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
NMeFOSAA	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluoroundecanoic acid (PFUnA)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
NEtFOSAA	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluorododecanoic acid (PFDoA)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluorotridecanoic acid (PFTrDA)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF
Perfluorotetradecanoic acid (PFTA)	ND	2.0		ng/L	1		EPA 537	3/11/19	3/13/19 15:14	KAF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
13C-PFHxA	98.8	70-130		3/13/19 15:14	
13C-PFDA	91.8	70-130		3/13/19 15:14	
d5-NEtFOSAA	89.6	70-130		3/13/19 15:14	

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Project Location: -
Sample Description:
Work Order: 19C0077

Date Received: 3/4/2019

Field Sample #: 19C0007-15
Sampled: 2/28/2019 00:00

Sample ID: 19C0077-06

Sample Matrix: Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluorohexanoic acid (PFHxA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluoroheptanoic acid (PFHpA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluorobutanoic acid (PFBA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluorodecanesulfonic acid (PFDS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluorooctanesulfonamide (FOSA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
6:2 Fluorotelomersulfonate (6:2 FTS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
8:2 Fluorotelomersulfonate (8:2 FTS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluorooctanoic acid (PFOA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluorononanoic acid (PFNA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluorodecanoic acid (PFDA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
NMeFOSAA	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluoroundecanoic acid (PFUnA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
NEtFOSAA	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluorododecanoic acid (PFDoA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluorotridecanoic acid (PFTrDA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF
Perfluorotetradecanoic acid (PFTA)	ND	2.0	ng/L	1		SOP 434-PFAAS	3/5/19	3/6/19 14:34	KAF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C-PFHxA	96.7	70-130		3/6/19 14:34
13C-PFDA	70.1	70-130		3/6/19 14:34
d5-NEtFOSAA	84.8	70-130		3/6/19 14:34

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Sample Extraction Data

Prep Method: EPA 537-EPA 537

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19C0077-04 [19C0007-06]	B225407	250	1.00	03/11/19
19C0077-05 [19C0007-07]	B225407	250	1.00	03/11/19

Prep Method: EPA 537-SOP 434-PFAAS

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19C0077-01 [19C0007-03]	B224976	250	1.00	03/05/19
19C0077-02 [19C0007-04]	B224976	250	1.00	03/05/19
19C0077-03 [19C0007-05]	B224976	250	1.00	03/05/19
19C0077-06 [19C0007-15]	B224976	250	1.00	03/05/19

Prep Method: SW-846 3510C-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19C0077-01 [19C0007-03]	B225038	990	1.00	03/06/19
19C0077-02 [19C0007-04]	B225038	1010	1.00	03/06/19

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QUALITY CONTROL

1,4-Dioxane by isotope dilution GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B225038 - SW-846 3510C										
Blank (B225038-BLK1)				Prepared: 03/06/19 Analyzed: 03/12/19						
1,4-Dioxane	ND	0.20	µg/L							
Surrogate: 1,4-Dioxane-d8	*2.62*		µg/L	10.0		26.2	15-110			
LCS (B225038-BS1)				Prepared: 03/06/19 Analyzed: 03/12/19						
1,4-Dioxane	11.1	0.20	µg/L	10.0		111	40-140			
Surrogate: 1,4-Dioxane-d8	*2.60*		µg/L	10.0		26.0	15-110			
LCS Dup (B225038-BSD1)				Prepared: 03/06/19 Analyzed: 03/12/19						
1,4-Dioxane	10.8	0.20	µg/L	10.0		108	40-140	3.00	30	
Surrogate: 1,4-Dioxane-d8	*2.81*		µg/L	10.0		28.1	15-110			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B224976 - EPA 537										
Blank (B224976-BLK1)				Prepared: 03/05/19 Analyzed: 03/06/19						
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	2.0	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	2.0	ng/L							
Perfluorobutanoic acid (PFBA)	ND	2.0	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	2.0	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	ng/L							
Perfluorooctanesulfonamide (FOSA)	ND	2.0	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L							
6:2 Fluorotelomersulfonate (6:2 FTS)	ND	2.0	ng/L							
8:2 Fluorotelomersulfonate (8:2 FTS)	ND	2.0	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	ng/L							
Perfluorooctanoic acid (PFOA)	ND	2.0	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	ng/L							
Perfluorononanoic acid (PFNA)	ND	2.0	ng/L							
Perfluorodecanoic acid (PFDA)	ND	2.0	ng/L							
NMeFOSAA	ND	2.0	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	2.0	ng/L							
NEtFOSAA	ND	2.0	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	2.0	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	2.0	ng/L							
Perfluorotetradecanoic acid (PFTA)	ND	2.0	ng/L							
Surrogate: 13C-PFHxA	*41.0*		ng/L	40.0		103	70-130			
Surrogate: 13C-PFDA	*28.1*		ng/L	40.0		70.3	70-130			
Surrogate: d5-NEtFOSAA	*112*		ng/L	160		70.1	70-130			
LCS (B224976-BS1)				Prepared: 03/05/19 Analyzed: 03/06/19						
Perfluorobutanesulfonic acid (PFBS)	16.6	2.0	ng/L	17.7		93.8	70-130			
Perfluorohexanoic acid (PFHxA)	19.7	2.0	ng/L	20.0		98.6	70-130			
Perfluoroheptanoic acid (PFHpA)	18.6	2.0	ng/L	20.0		93.1	70-130			
Perfluorobutanoic acid (PFBA)	7.79	2.0	ng/L	20.0		39.0	30-110			
Perfluorodecanesulfonic acid (PFDS)	14.9	2.0	ng/L	19.3		77.3	70-130			
Perfluoroheptanesulfonic acid (PFHpS)	21.0	2.0	ng/L	19.0		110	70-130			
Perfluorooctanesulfonamide (FOSA)	15.5	2.0	ng/L	20.0		77.6	30-110			
Perfluoropentanoic acid (PFPeA)	16.3	2.0	ng/L	20.0		81.5	70-130			
6:2 Fluorotelomersulfonate (6:2 FTS)	17.2	2.0	ng/L	19.0		90.8	70-130			
8:2 Fluorotelomersulfonate (8:2 FTS)	19.1	2.0	ng/L	19.2		99.5	70-130			
Perfluorohexanesulfonic acid (PFHxS)	18.4	2.0	ng/L	18.2		101	70-130			
Perfluorooctanoic acid (PFOA)	20.5	2.0	ng/L	20.0		103	70-130			
Perfluorooctanesulfonic acid (PFOS)	16.6	2.0	ng/L	18.5		89.8	70-130			
Perfluorononanoic acid (PFNA)	18.7	2.0	ng/L	20.0		93.6	70-130			
Perfluorodecanoic acid (PFDA)	16.0	2.0	ng/L	20.0		80.0	70-130			
NMeFOSAA	15.2	2.0	ng/L	20.0		75.9	70-130			
Perfluoroundecanoic acid (PFUnA)	14.8	2.0	ng/L	20.0		74.2	70-130			
NEtFOSAA	16.3	2.0	ng/L	20.0		81.4	70-130			
Perfluorododecanoic acid (PFDoA)	14.0	2.0	ng/L	20.0		70.0	70-130			
Perfluorotridecanoic acid (PFTrDA)	14.0	2.0	ng/L	20.0		70.0	70-130			
Perfluorotetradecanoic acid (PFTA)	14.0	2.0	ng/L	20.0		70.0	70-130			
Surrogate: 13C-PFHxA	*40.7*		ng/L	40.0		102	70-130			
Surrogate: 13C-PFDA	*29.0*		ng/L	40.0		72.5	70-130			
Surrogate: d5-NEtFOSAA	*128*		ng/L	160		80.0	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B224976 - EPA 537												
Matrix Spike (B224976-MS1)	**Source: 19C0077-02**			Prepared: 03/05/19 Analyzed: 03/06/19								
Perfluorobutanesulfonic acid (PFBS)	41.1	2.0	ng/L	17.7	20.6	116		70-130				
Perfluorohexanoic acid (PFHxA)	32.1	2.0	ng/L	20.0	8.55	118		70-130				
Perfluoroheptanoic acid (PFHpA)	27.0	2.0	ng/L	20.0	4.22	114		70-130				
Perfluorobutanoic acid (PFBA)	7.51	2.0	ng/L	20.0	ND	37.6		30-110				
Perfluorodecanesulfonic acid (PFDS)	16.0	2.0	ng/L	19.3	ND	83.1		70-130				
Perfluoroheptanesulfonic acid (PFHpS)	23.1	2.0	ng/L	19.0	ND	122		70-130				
Perfluorooctanesulfonamide (FOSA)	16.9	2.0	ng/L	20.0	ND	84.7		30-110				
Perfluoropentanoic acid (PFPeA)	30.6	2.0	ng/L	20.0	11.0	98.1		70-130				
6:2 Fluorotelomersulfonate (6:2 FTS)	21.7	2.0	ng/L	19.0	ND	114		70-130				
8:2 Fluorotelomersulfonate (8:2 FTS)	20.8	2.0	ng/L	19.2	ND	108		70-130				
Perfluorohexanesulfonic acid (PFHxS)	22.4	2.0	ng/L	18.2	4.72	97.1		70-130				
Perfluorooctanoic acid (PFOA)	33.7	2.0	ng/L	20.0	13.6	101		70-130				
Perfluorooctanesulfonic acid (PFOS)	32.9	2.0	ng/L	18.5	13.9	103		70-130				
Perfluorononanoic acid (PFNA)	21.6	2.0	ng/L	20.0	ND	108		70-130				
Perfluorodecanoic acid (PFDA)	18.9	2.0	ng/L	20.0	ND	94.7		70-130				
NMeFOSAA	17.1	2.0	ng/L	20.0	ND	85.7		70-130				
Perfluoroundecanoic acid (PFUnA)	17.0	2.0	ng/L	20.0	ND	85.0		70-130				
NEtFOSAA	18.1	2.0	ng/L	20.0	ND	90.5		70-130				
Perfluorododecanoic acid (PFDoA)	13.5	2.0	ng/L	20.0	ND	**67.3**	*	70-130				MS-07A
Perfluorotridecanoic acid (PFTrDA)	12.8	2.0	ng/L	20.0	ND	**63.8**	*	70-130				MS-07A
Perfluorotetradecanoic acid (PFTA)	10.7	2.0	ng/L	20.0	ND	**53.5**	*	70-130				MS-07A
Surrogate: 13C-PFHxA	*42.9*		ng/L	40.0		107		70-130				
Surrogate: 13C-PFDA	*31.3*		ng/L	40.0		78.2		70-130				
Surrogate: d5-NEtFOSAA	*135*		ng/L	160		84.2		70-130				
Matrix Spike Dup (B224976-MSD1)	**Source: 19C0077-02**			Prepared: 03/05/19 Analyzed: 03/06/19								
Perfluorobutanesulfonic acid (PFBS)	42.7	2.0	ng/L	17.7	20.6	125		70-130	3.74		30	
Perfluorohexanoic acid (PFHxA)	29.9	2.0	ng/L	20.0	8.55	107		70-130	7.08		30	
Perfluoroheptanoic acid (PFHpA)	22.8	2.0	ng/L	20.0	4.22	92.9		70-130	16.8		30	
Perfluorobutanoic acid (PFBA)	7.32	2.0	ng/L	20.0	ND	36.6		30-110	2.59		30	
Perfluorodecanesulfonic acid (PFDS)	18.0	2.0	ng/L	19.3	ND	93.1		70-130	11.4		30	
Perfluoroheptanesulfonic acid (PFHpS)	21.5	2.0	ng/L	19.0	ND	113		70-130	7.07		30	
Perfluorooctanesulfonamide (FOSA)	11.9	2.0	ng/L	20.0	ND	59.3		30-110	**35.4**	*	30	R-06
Perfluoropentanoic acid (PFPeA)	27.3	2.0	ng/L	20.0	11.0	81.8		70-130	11.2		30	
6:2 Fluorotelomersulfonate (6:2 FTS)	23.3	2.0	ng/L	19.0	ND	123		70-130	6.84		30	
8:2 Fluorotelomersulfonate (8:2 FTS)	20.6	2.0	ng/L	19.2	ND	107		70-130	0.783		30	
Perfluorohexanesulfonic acid (PFHxS)	25.3	2.0	ng/L	18.2	4.72	113		70-130	12.2		30	
Perfluorooctanoic acid (PFOA)	34.2	2.0	ng/L	20.0	13.6	103		70-130	1.41		30	
Perfluorooctanesulfonic acid (PFOS)	31.1	2.0	ng/L	18.5	13.9	92.7		70-130	5.80		30	
Perfluorononanoic acid (PFNA)	19.5	2.0	ng/L	20.0	ND	97.4		70-130	10.4		30	
Perfluorodecanoic acid (PFDA)	16.8	2.0	ng/L	20.0	ND	84.0		70-130	12.0		30	
NMeFOSAA	15.9	2.0	ng/L	20.0	ND	79.7		70-130	7.35		30	
Perfluoroundecanoic acid (PFUnA)	15.3	2.0	ng/L	20.0	ND	76.6		70-130	10.4		30	
NEtFOSAA	19.5	2.0	ng/L	20.0	ND	97.7		70-130	7.64		30	
Perfluorododecanoic acid (PFDoA)	12.5	2.0	ng/L	20.0	ND	**62.3**	*	70-130	7.80		30	MS-07A
Perfluorotridecanoic acid (PFTrDA)	13.0	2.0	ng/L	20.0	ND	**64.8**	*	70-130	1.54		30	MS-07A
Perfluorotetradecanoic acid (PFTA)	12.3	2.0	ng/L	20.0	ND	**61.7**	*	70-130	14.2		30	MS-07A
Surrogate: 13C-PFHxA	*38.0*		ng/L	40.0		95.0		70-130				
Surrogate: 13C-PFDA	*28.2*		ng/L	40.0		70.4		70-130				
Surrogate: d5-NEtFOSAA	*135*		ng/L	160		84.6		70-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B225407 - EPA 537											
Blank (B225407-BLK1)				Prepared: 03/11/19 Analyzed: 03/13/19							
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.0	ng/L								
Perfluoroheptanoic acid (PFHpA)	ND	2.0	ng/L								
Perfluorobutanoic acid (PFBA)	ND	2.0	ng/L								
Perfluorodecanesulfonic acid (PFDS)	ND	2.0	ng/L								
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	ng/L								
Perfluorooctanesulfonamide (FOSA)	ND	2.0	ng/L								
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L								
6:2 Fluorotelomersulfonate (6:2 FTS)	ND	2.0	ng/L								
8:2 Fluorotelomersulfonate (8:2 FTS)	ND	2.0	ng/L								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	ng/L								
Perfluorooctanoic acid (PFOA)	ND	2.0	ng/L								
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	ng/L								
Perfluorononanoic acid (PFNA)	ND	2.0	ng/L								
Perfluorodecanoic acid (PFDA)	ND	2.0	ng/L								
NMeFOSAA	ND	2.0	ng/L								
Perfluoroundecanoic acid (PFUnA)	ND	2.0	ng/L								
NEtFOSAA	ND	2.0	ng/L								
Perfluorododecanoic acid (PFDoA)	ND	2.0	ng/L								
Perfluorotridecanoic acid (PFTrDA)	ND	2.0	ng/L								
Perfluorotetradecanoic acid (PFTA)	ND	2.0	ng/L								
Surrogate: 13C-PFHxA	*41.7*		ng/L	40.0		104		70-130			
Surrogate: 13C-PFDA	*36.9*		ng/L	40.0		92.2		70-130			
Surrogate: d5-NEtFOSAA	*150*		ng/L	160		94.1		70-130			
LCS (B225407-BS1)				Prepared: 03/11/19 Analyzed: 03/13/19							
Perfluorobutanesulfonic acid (PFBS)	9.01	2.0	ng/L	8.85		102		70-130			
Perfluorohexanoic acid (PFHxA)	10.6	2.0	ng/L	10.0		106		70-130			
Perfluoroheptanoic acid (PFHpA)	9.54	2.0	ng/L	10.0		95.4		70-130			
Perfluorobutanoic acid (PFBA)	3.55	2.0	ng/L	10.0		35.5		30-110			
Perfluorodecanesulfonic acid (PFDS)	9.77	2.0	ng/L	9.65		101		70-130			
Perfluoroheptanesulfonic acid (PFHpS)	10.5	2.0	ng/L	9.50		110		70-130			
Perfluorooctanesulfonamide (FOSA)	6.10	2.0	ng/L	10.0		61.0		30-110			
Perfluoropentanoic acid (PFPeA)	10.9	2.0	ng/L	10.0		109		70-130			
6:2 Fluorotelomersulfonate (6:2 FTS)	15.6	2.0	ng/L	9.50		**165**	*	70-130			L-02
8:2 Fluorotelomersulfonate (8:2 FTS)	10.2	2.0	ng/L	9.60		107		70-130			
Perfluorohexanesulfonic acid (PFHxS)	11.4	2.0	ng/L	9.10		125		70-130			
Perfluorooctanoic acid (PFOA)	10.5	2.0	ng/L	10.0		105		70-130			
Perfluorooctanesulfonic acid (PFOS)	9.23	2.0	ng/L	9.25		99.8		70-130			
Perfluorononanoic acid (PFNA)	11.4	2.0	ng/L	10.0		114		70-130			
Perfluorodecanoic acid (PFDA)	9.70	2.0	ng/L	10.0		97.0		70-130			
NMeFOSAA	10.7	2.0	ng/L	10.0		107		70-130			
Perfluoroundecanoic acid (PFUnA)	8.95	2.0	ng/L	10.0		89.5		70-130			
NEtFOSAA	10.6	2.0	ng/L	10.0		106		70-130			
Perfluorododecanoic acid (PFDoA)	8.02	2.0	ng/L	10.0		80.2		70-130			
Perfluorotridecanoic acid (PFTrDA)	7.74	2.0	ng/L	10.0		77.4		70-130			
Perfluorotetradecanoic acid (PFTA)	9.32	2.0	ng/L	10.0		93.2		70-130			
Surrogate: 13C-PFHxA	*41.0*		ng/L	40.0		102		70-130			
Surrogate: 13C-PFDA	*33.7*		ng/L	40.0		84.1		70-130			
Surrogate: d5-NEtFOSAA	*136*		ng/L	160		84.9		70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
S-26	Surrogate outside of control limits.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 537 in Drinking Water	
Perfluorobutanesulfonic acid (PFBS)	NH,VT-DW,ME,RI,NJ
Perfluorohexanoic acid (PFHxA)	NH,VT-DW,ME,RI,NJ
Perfluoroheptanoic acid (PFHpA)	NH,VT-DW,ME,RI,NJ
Perfluorobutanoic acid (PFBA)	NH
Perfluorohexanesulfonic acid (PFHxS)	NH,VT-DW,ME,RI,NJ
Perfluorooctanoic acid (PFOA)	NH,NY,VT-DW,ME,RI,NJ
Perfluorooctanesulfonic acid (PFOS)	NH,NY,VT-DW,ME,RI,NJ
Perfluorononanoic acid (PFNA)	NH,VT-DW,ME,RI,NJ
Perfluorodecanoic acid (PFDA)	NH,VT-DW,ME,RI,NJ
NMeFOSAA	NH,VT-DW,RI,NJ
Perfluoroundecanoic acid (PFUnA)	NH,VT-DW,ME,RI,NJ
NEtFOSAA	NH,VT-DW,RI,NJ
Perfluorododecanoic acid (PFDoA)	NH,VT-DW,ME,RI,NJ
Perfluorotridecanoic acid (PFTrDA)	NH,VT-DW,ME,RI,NJ
Perfluorotetradecanoic acid (PFTA)	VT-DW,ME,RI,NJ
SOP 434-PFAAS in Water	
Perfluorobutanesulfonic acid (PFBS)	NH-P
Perfluorohexanoic acid (PFHxA)	NH-P
Perfluoroheptanoic acid (PFHpA)	NH-P
Perfluorobutanoic acid (PFBA)	NH-P
Perfluoropentanoic acid (PFPeA)	NH-P
6:2 Fluorotelomersulfonate (6:2 FTS)	NH-P
8:2 Fluorotelomersulfonate (8:2 FTS)	NH-P
Perfluorohexanesulfonic acid (PFHxS)	NH-P
Perfluorooctanoic acid (PFOA)	NH-P
Perfluorooctanesulfonic acid (PFOS)	NH-P
Perfluorononanoic acid (PFNA)	NH-P
Perfluorodecanoic acid (PFDA)	NH-P
NMeFOSAA	NH-P
Perfluoroundecanoic acid (PFUnA)	NH-P
NEtFOSAA	NH-P
Perfluorododecanoic acid (PFDoA)	NH-P
Perfluorotridecanoic acid (PFTrDA)	NH-P
Perfluorotetradecanoic acid (PFTA)	NH-P
SW-846 8270D in Water	
1,4-Dioxane	NY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2020
RI	Rhode Island Department of Health	LAO00112	12/30/2019
NC	North Carolina Div. of Water Quality	652	12/31/2019
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2019
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

kkm 19C0007

YORK
Analytical Laboratories, Inc.

3/1/2019

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 19C0007

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

SENDING LABORATORY:

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: **York Analytical**

RECEIVING LABORATORY:

Con-Test Analytical Laboratory
39 Spruce Street
East Long Meadow, MA 01028
Phone :(413) 525-2332
Fax: (413) 525-6405

York Ref: 19C0007-03

Sample ID: 19C0007-03 **Matrix: Water** **Date Sampled : 02/28/2019 15:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
1 Semi-Volatiles, 1,4-Dioxane by 82	03/15/2019 16:30	03/28/2019 15:00	
PFAS in Water by EPA 537	03/15/2019 16:30	03/14/2019 15:00	

Containers Supplied:

07_1000mL Amber Glass Cool to 4° C (D) 10_250mL Square Plastic Cool to 4° C (E) 10_250mL Square Plastic Cool to 4° C (F)

York Ref: 19C0007-04

Sample ID: 19C0007-04 **Matrix: Water** **Date Sampled : 02/28/2019 15:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
Semi-Volatiles, 1,4-Dioxane by 82	03/15/2019 16:30	03/28/2019 15:00	Extra PFAS containers for MS/MSD
2 PFAS in Water by EPA 537	03/15/2019 16:30	03/14/2019 15:00	Extra PFAS containers for MS/MSD

Containers Supplied:

07_1000mL Amber Glass Cool to 4° C (D) 10_250mL Square Plastic Cool to 4° C (E) 10_250mL Square Plastic Cool to 4° C (F)
10_250mL Square Plastic Cool to 4° C (G) 10_250mL Square Plastic Cool to 4° C (H)

York Purchase Order No.: 19C0007 Samples from State of: **NY**

Deliverables required:

EDDs required:

Data Pkg DUE:

Special Info:

Chain-of-Custody Information

Paul Grace	3/1/2019		3/4/19 1001
Released By/York Sample Control	Date	Received By	Date
Received By	3/4/19 Date	Received in Subcontract Lab By 5.1°	3/4/19 1350 Date

KKM 19C0077

YORK
Analytical Laboratories, Inc.

3/1/2019

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 19C0007

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

York Ref: 19C0007-05

Sample ID: 19C0007-05 **Matrix: Water** **Date Sampled : 02/28/2019 15:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
3 PFAS in Water by EPA 537	03/15/2019 16:30	03/14/2019 15:00	

Containers Supplied:
10_250mL Square Plastic Cool to 4° C (A) 10_250mL Square Plastic Cool to 4° C (B)

York Ref: 19C0007-06

Sample ID: 19C0007-06 **Matrix: inking Wat** **Date Sampled : 02/28/2019 15:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
4 PFAS in Water by EPA 537	03/15/2019 16:30	03/14/2019 15:00	

Containers Supplied:
10_250mL Square Plastic Cool to 4° C (A) 10_250mL Square Plastic Cool to 4° C (B)

York Ref: 19C0007-07

Sample ID: 19C0007-07 **Matrix: inking Wat** **Date Sampled : 02/28/2019 15:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
5 PFAS in Water by EPA 537	03/15/2019 16:30	03/14/2019 15:00	

Containers Supplied:
10_250mL Square Plastic Cool to 4° C (A) 10_250mL Square Plastic Cool to 4° C (B)

York Purchase Order No.: 19C0007 Samples from State of: NY

Deliverables required:

EDDs required:

Data Pkg DUE:

Special Info:

Chain-of-Custody Information

Paul Grace	3/1/2019	3/4/19 1000	
Released By York Sample Control	Date	Received By	Date
~~Received By~~ 3/4/19	Date	5.1°C 3/4/19 1350 Received in Subcontract Lab By	Date

lkm 19C0077

YORK
Analytical Laboratories, Inc.

3/1/2019

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 19C0007

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

York Ref: 19C0007-15

Sample ID: 19C0007-15 **Matrix: Water** **Date Sampled : 02/28/2019 00:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
PFAS in Water by EPA 537	03/15/2019 16:30	03/14/2019 00:00	

Containers Supplied:
10_250mL Square Plastic Cool to 4° C (A)

York Purchase Order No.: 19C0007 Samples from State of: **NY**

Deliverables required:

EDDs required:

Data Pkg DUE:

Special Info:

Chain-of-Custody Information

Paul Grace	3/1/2019	3/4/19 1000	
Released By York Sample Control	Date	Received By	Date
Received By	3/4/19		3/4/19 1350
	Date	Received in Subcontract Lab By	Date

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client York

Received By MP Date 3/4/19 Time 13:50

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____ Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 3 Actual Temp - 5.1 By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? N/A Were Samples Tampered with? N/A

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T Project F ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? N/A MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? F On COC? F

Do all samples have the proper pH? N/A Acid _____ Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic	2	16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic	13	4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

Only 1 1L amber received for each sample with 1-4 Dioxane

Technical Report

prepared for:

Hydro Environmental Solutions
One Deans Bridge Road
Somers NY, 10589
Attention: Bill Canavan

Report Date: 10/01/2019
Client Project ID: 406 Rte. 52, Lake Carmel, NY
York Project (SDG) No.: 19I1255

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: 10/01/2019
Client Project ID: 406 Rte. 52, Lake Carmel, NY
York Project (SDG) No.: 19I1255

Hydro Environmental Solutions
One Deans Bridge Road
Somers NY, 10589
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 September 27, 2019 and listed below. The project was identified as your project: **406 Rte. 52, Lake Carmel, NY**.

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
19I1255-01	MW-3S	Water	09/26/2019	09/27/2019
19I1255-02	MW-3D	Water	09/26/2019	09/27/2019
19I1255-03	MW-6	Water	09/26/2019	09/27/2019
19I1255-04	MW-8D	Water	09/26/2019	09/27/2019
19I1255-05	Fomer Cleaners Influent	Drinking Water	09/26/2019	09/27/2019
19I1255-06	Fomer Cleaners Midfluent	Drinking Water	09/26/2019	09/27/2019
19I1255-07	Fomer Cleaners Effluent	Drinking Water	09/26/2019	09/27/2019
19I1255-08	Salon Influent	Drinking Water	09/26/2019	09/27/2019
19I1255-09	Salon Midfluent 1	Drinking Water	09/26/2019	09/27/2019
19I1255-10	Salon Midfluent 2	Drinking Water	09/26/2019	09/27/2019
19I1255-11	Salon Effluent	Drinking Water	09/26/2019	09/27/2019

General Notes for York Project (SDG) No.: 19I1255

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: 10/01/2019

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW-3S

York Sample ID: 19I1255-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: **MW-3S** **York Sample ID:** **19I1255-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
67-64-1	**Acetone**	**2.0**		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
156-59-2	**cis-1,2-Dichloroethylene**	**0.80**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS

Sample Information

Client Sample ID: **MW-3S** **York Sample ID:** **19I1255-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/30/2019 14:15	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/30/2019 14:15	RDS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15	RDS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:15	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
127-18-4	**Tetrachloroethylene**	**4.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
79-01-6	**Trichloroethylene**	**0.90**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS

Sample Information

Client Sample ID: MW-3S **York Sample ID:** 19I1255-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:15	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/30/2019 14:15	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.5 %*	*79-122*

Sample Information

Client Sample ID: MW-3D **York Sample ID:** 19I1255-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP	09/30/2019 14:44	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44	RDS

Sample Information

Client Sample ID: MW-3D

York Sample ID: 19I1255-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
95-50-1	**1,2-Dichlorobenzene**	**0.28**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
541-73-1	**1,3-Dichlorobenzene**	**0.20**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
67-64-1	**Acetone**	**1.8**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS

Sample Information

Client Sample ID: **MW-3D** **York Sample ID:** **19I1255-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-59-2	**cis-1,2-Dichloroethylene**	**9.4**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44	RDS

Sample Information

Client Sample ID: MW-3D **York Sample ID:** 19I1255-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 14:44	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
127-18-4	**Tetrachloroethylene**	**52**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
156-60-5	**trans-1,2-Dichloroethylene**	**0.34**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
79-01-6	**Trichloroethylene**	**11**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 14:44	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/30/2019 14:44	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 19I1255-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 19I1255-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **19I1255-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
67-64-1	**Acetone**	**1.6**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
156-59-2	**cis-1,2-Dichloroethylene**	**11**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:12	RDS

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **19I1255-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12	RDS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
127-18-4	**Tetrachloroethylene**	**51**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-60-5	**trans-1,2-Dichloroethylene**	**9.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-01-6	**Trichloroethylene**	**3.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:12 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 19I1255-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/30/2019 15:12	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*79-122*

Sample Information

Client Sample ID: MW-8D **York Sample ID:** 19I1255-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP	09/30/2019 15:41	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS

Sample Information

Client Sample ID: **MW-8D** **York Sample ID:** **19I1255-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-64-1	**Acetone**	**1.6**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: MW-8D

York Sample ID: 19I1255-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41	RDS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 15:41	RDS

Sample Information

Client Sample ID: MW-8D **York Sample ID:** 19I1255-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
127-18-4	**Tetrachloroethylene**	**1.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 15:41	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/30/2019 15:41	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Sample Information

Client Sample ID: Fomer Cleaners Influent **York Sample ID:** 19I1255-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS

Sample Information

Client Sample ID: **Fomer Cleaners Influent** **York Sample ID:** **19I1255-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: **Fomer Cleaners Influent** **York Sample ID:** **19I1255-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-59-2	**cis-1,2-Dichloroethylene**	**7.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: **Fomer Cleaners Influent** **York Sample ID:** **19I1255-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.23**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/30/2019 16:09	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/30/2019 16:09	RDS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09	RDS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:09	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
127-18-4	**Tetrachloroethylene**	**41**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
156-60-5	**trans-1,2-Dichloroethylene**	**0.23**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
79-01-6	**Trichloroethylene**	**12**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:09	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/30/2019 16:09	RDS

Sample Information

Client Sample ID: **Fomer Cleaners Influent** **York Sample ID:** **19I1255-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.1 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*			*79-122*						

Sample Information

Client Sample ID: **Fomer Cleaners Midfluent** **York Sample ID:** **19I1255-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: **Fomer Cleaners Midfluent** **York Sample ID:** **19I1255-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	**Acetone**	**1.7**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **Fomer Cleaners Midfluent** **York Sample ID:** **19I1255-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 16:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: **Fomer Cleaners Midfluent** **York Sample ID:** **19I1255-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:38	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:38	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:38	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:38	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:38	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:38	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:38	RDS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:38	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:38	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 16:38	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/30/2019 16:38	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Sample Information

Client Sample ID: **Fomer Cleaners Effluent** **York Sample ID:** **19I1255-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS

Sample Information

Client Sample ID: **Fomer Cleaners Effluent** **York Sample ID:** **19I1255-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: **Fomer Cleaners Effluent** **York Sample ID:** **19I1255-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
67-64-1	**Acetone**	**1.4**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:06	RDS

Sample Information

Client Sample ID: **Fomer Cleaners Effluent** **York Sample ID:** **19I1255-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06	RDS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.9 %*	*69-130*

Sample Information

Client Sample ID: **Fomer Cleaners Effluent** **York Sample ID:** **19I1255-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.7 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*			*79-122*						

Sample Information

Client Sample ID: **Salon Influent** **York Sample ID:** **19I1255-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: **Salon Influent** **York Sample ID:** **19I1255-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-64-1	**Acetone**	**1.2**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: **Salon Influent** **York Sample ID:** **19I1255-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
156-59-2	**cis-1,2-Dichloroethylene**	**4.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/30/2019 17:35	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/30/2019 17:35	RDS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35	RDS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 17:35	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 17:35	RDS

Sample Information

Client Sample ID: **Salon Influent** **York Sample ID:** **19I1255-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/30/2019 13:15	09/30/2019 17:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**110**		ug/L	0.20	0.50	1	EPA 8260C	09/30/2019 13:15	09/30/2019 17:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/30/2019 13:15	09/30/2019 17:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	**trans-1,2-Dichloroethylene**	**0.27**	J	ug/L	0.20	0.50	1	EPA 8260C	09/30/2019 13:15	09/30/2019 17:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/30/2019 13:15	09/30/2019 17:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**3.8**		ug/L	0.20	0.50	1	EPA 8260C	09/30/2019 13:15	09/30/2019 17:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/30/2019 13:15	09/30/2019 17:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	09/30/2019 13:15	09/30/2019 17:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	09/30/2019 13:15	09/30/2019 17:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Sample Information

Client Sample ID: **Salon Midfluent 1** **York Sample ID:** **19I1255-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/30/2019 13:15	09/30/2019 18:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/30/2019 13:15	09/30/2019 18:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/30/2019 13:15	09/30/2019 18:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	09/30/2019 13:15	09/30/2019 18:03	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: Salon Midfluent 1 **York Sample ID:** 19I1255-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: Salon Midfluent 1 **York Sample ID:** 19I1255-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
67-64-1	**Acetone**	**1.5**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
67-66-3	**Chloroform**	**0.47**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
156-59-2	**cis-1,2-Dichloroethylene**	**0.92**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 18:03	RDS

Sample Information

Client Sample ID: Salon Midfluent 1 **York Sample ID:** 19I1255-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03	RDS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Sample Information

Client Sample ID: **Salon Midfluent 2** **York Sample ID:** **19I1255-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: **Salon Midfluent 2** **York Sample ID:** **19I1255-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-64-1	**Acetone**	**1.9**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-43-2	**Benzene**	**0.34**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: **Salon Midfluent 2** **York Sample ID:** **19I1255-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32	RDS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-88-3	**Toluene**	**0.31**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: Salon Midfluent 2 **York Sample ID:** 19I1255-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/30/2019 18:32	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*79-122*

Sample Information

Client Sample ID: Salon Effluent **York Sample ID:** 19I1255-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP	09/30/2019 19:00	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS

Sample Information

Client Sample ID: **Salon Effluent** **York Sample ID:** **19I1255-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-64-1	**Acetone**	**1.6**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: **Salon Effluent** **York Sample ID:** **19I1255-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00	RDS
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15	09/30/2019 19:00	RDS

Sample Information

Client Sample ID: **Salon Effluent** **York Sample ID:** **19I1255-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19I1255	406 Rte. 52, Lake Carmel, NY	Drinking Water	September 26, 2019 12:00 am	09/27/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/30/2019 19:00	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/30/2019 13:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/30/2019 19:00	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Analytical Batch Summary

Batch ID: BI91589 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
19I1255-01	MW-3S	09/30/19
19I1255-02	MW-3D	09/30/19
19I1255-03	MW-6	09/30/19
19I1255-04	MW-8D	09/30/19
19I1255-05	Fomer Cleaners Influent	09/30/19
19I1255-06	Fomer Cleaners Midfluent	09/30/19
19I1255-07	Fomer Cleaners Effluent	09/30/19
19I1255-08	Salon Influent	09/30/19
19I1255-09	Salon Midfluent 1	09/30/19
19I1255-10	Salon Midfluent 2	09/30/19
19I1255-11	Salon Effluent	09/30/19
BI91589-BLK1	Blank	09/30/19
BI91589-BS1	LCS	09/30/19
BI91589-BS2	LCS	09/30/19
BI91589-BSD1	LCS Dup	09/30/19
BI91589-BSD2	LCS Dup	09/30/19

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI91589 - EPA 5030B											
Blank (BI91589-BLK1)									Prepared & Analyzed: 09/30/2019		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI91589 - EPA 5030B											
Blank (BI91589-BLK1)											Prepared & Analyzed: 09/30/2019
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.56*		*"*	*10.0*		*95.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.43*		*"*	*10.0*		*94.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS (BI91589-BS1)											Prepared & Analyzed: 09/30/2019
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126				
1,1,1-Trichloroethane	11.1		"	10.0		111	78-136				
1,1,2,2-Tetrachloroethane	8.90		"	10.0		89.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165				
1,1,2-Trichloroethane	8.69		"	10.0		86.9	82-123				
1,1-Dichloroethane	10.8		"	10.0		108	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,1-Dichloropropylene	10.9		"	10.0		109	83-133				
1,2,3-Trichlorobenzene	9.02		"	10.0		90.2	76-136				
1,2,3-Trichloropropane	8.68		"	10.0		86.8	77-128				
1,2,4,5-Tetramethylbenzene	9.73		"	10.0		97.3	85-140				
1,2,4-Trichlorobenzene	9.16		"	10.0		91.6	76-137				
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132				
1,2-Dibromo-3-chloropropane	8.75		"	10.0		87.5	45-147				
1,2-Dibromoethane	9.15		"	10.0		91.5	83-124				
1,2-Dichlorobenzene	9.26		"	10.0		92.6	79-123				
1,2-Dichloroethane	9.51		"	10.0		95.1	73-132				
1,2-Dichloropropane	9.45		"	10.0		94.5	78-126				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131				
1,3-Dichlorobenzene	9.58		"	10.0		95.8	86-122				
1,3-Dichloropropane	9.01		"	10.0		90.1	81-125				
1,4-Dichlorobenzene	9.36		"	10.0		93.6	85-124				
2,2-Dichloropropane	11.6		"	10.0		116	56-150				
2-Butanone	9.69		"	10.0		96.9	49-152				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI91589 - EPA 5030B											
LCS (BI91589-BS1)								Prepared & Analyzed: 09/30/2019			
2-Chlorotoluene	9.99		ug/L	10.0		99.9	79-130				
2-Hexanone	8.19		"	10.0		81.9	51-146				
4-Chlorotoluene	9.75		"	10.0		97.5	79-128				
4-Methyl-2-pentanone	8.27		"	10.0		82.7	57-145				
Acetone	7.57		"	10.0		75.7	14-150				
Benzene	11.2		"	10.0		112	85-126				
Bromobenzene	9.52		"	10.0		95.2	78-129				
Bromochloromethane	10.1		"	10.0		101	77-128				
Bromodichloromethane	9.68		"	10.0		96.8	79-128				
Bromoform	9.09		"	10.0		90.9	78-133				
Bromomethane	11.2		"	10.0		112	43-168				
Carbon disulfide	10.9		"	10.0		109	68-146				
Carbon tetrachloride	11.6		"	10.0		116	77-141				
Chlorobenzene	9.72		"	10.0		97.2	88-120				
Chloroethane	11.9		"	10.0		119	65-136				
Chloroform	10.5		"	10.0		105	82-128				
Chloromethane	11.6		"	10.0		116	43-155				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129				
cis-1,3-Dichloropropylene	9.55		"	10.0		95.5	80-131				
Dibromochloromethane	9.49		"	10.0		94.9	80-130				
Dibromomethane	8.49		"	10.0		84.9	72-134				
Dichlorodifluoromethane	14.8		"	10.0		148	44-144	High Bias			
Ethyl Benzene	10.4		"	10.0		104	80-131				
Hexachlorobutadiene	9.02		"	10.0		90.2	67-146				
Isopropylbenzene	10.2		"	10.0		102	76-140				
Methyl tert-butyl ether (MTBE)	9.49		"	10.0		94.9	76-135				
Methylene chloride	11.0		"	10.0		110	55-137				
Naphthalene	8.66		"	10.0		86.6	70-147				
n-Butylbenzene	9.93		"	10.0		99.3	79-132				
n-Propylbenzene	10.3		"	10.0		103	78-133				
o-Xylene	10.0		"	10.0		100	78-130				
p- & m- Xylenes	20.9		"	20.0		104	77-133				
p-Diethylbenzene	11.4		"	10.0		114	84-134				
p-Ethyltoluene	10.8		"	10.0		108	88-129				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	10.9		"	10.0		109	79-137				
Styrene	10.0		"	10.0		100	67-132				
tert-Butylbenzene	10.2		"	10.0		102	77-138				
Tetrachloroethylene	8.65		"	10.0		86.5	82-131				
Toluene	10.4		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	11.1		"	10.0		111	80-132				
trans-1,3-Dichloropropylene	9.30		"	10.0		93.0	78-131				
Trichloroethylene	9.87		"	10.0		98.7	82-128				
Trichlorofluoromethane	12.8		"	10.0		128	67-139				
Vinyl Chloride	11.3		"	10.0		113	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.07*		*"*	*10.0*		*90.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI91589 - EPA 5030B

LCS (BI91589-BS2) Prepared & Analyzed: 09/30/2019

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	9.30		ug/L	10.0		93.0	82-126				
1,1,1-Trichloroethane	9.82		"	10.0		98.2	78-136				
1,1,2,2-Tetrachloroethane	8.91		"	10.0		89.1	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.74		"	10.0		97.4	54-165				
1,1,2-Trichloroethane	8.43		"	10.0		84.3	82-123				
1,1-Dichloroethane	9.73		"	10.0		97.3	82-129				
1,1-Dichloroethylene	9.63		"	10.0		96.3	68-138				
1,1-Dichloropropylene	9.67		"	10.0		96.7	83-133				
1,2,3-Trichlorobenzene	8.84		"	10.0		88.4	76-136				
1,2,3-Trichloropropane	8.45		"	10.0		84.5	77-128				
1,2,4,5-Tetramethylbenzene	8.58		"	10.0		85.8	85-140				
1,2,4-Trichlorobenzene	8.30		"	10.0		83.0	76-137				
1,2,4-Trimethylbenzene	8.77		"	10.0		87.7	82-132				
1,2-Dibromo-3-chloropropane	8.80		"	10.0		88.0	45-147				
1,2-Dibromoethane	9.01		"	10.0		90.1	83-124				
1,2-Dichlorobenzene	8.41		"	10.0		84.1	79-123				
1,2-Dichloroethane	9.21		"	10.0		92.1	73-132				
1,2-Dichloropropane	8.58		"	10.0		85.8	78-126				
1,3,5-Trimethylbenzene	8.84		"	10.0		88.4	80-131				
1,3-Dichlorobenzene	8.42		"	10.0		84.2	86-122	Low Bias			
1,3-Dichloropropane	8.61		"	10.0		86.1	81-125				
1,4-Dichlorobenzene	8.32		"	10.0		83.2	85-124	Low Bias			
2,2-Dichloropropane	10.2		"	10.0		102	56-150				
2-Butanone	8.51		"	10.0		85.1	49-152				
2-Chlorotoluene	8.66		"	10.0		86.6	79-130				
2-Hexanone	8.20		"	10.0		82.0	51-146				
4-Chlorotoluene	8.48		"	10.0		84.8	79-128				
4-Methyl-2-pentanone	8.50		"	10.0		85.0	57-145				
Acetone	6.20		"	10.0		62.0	14-150				
Benzene	10.2		"	10.0		102	85-126				
Bromobenzene	8.54		"	10.0		85.4	78-129				
Bromochloromethane	9.62		"	10.0		96.2	77-128				
Bromodichloromethane	8.82		"	10.0		88.2	79-128				
Bromoform	8.93		"	10.0		89.3	78-133				
Bromomethane	10.5		"	10.0		105	43-168				
Carbon disulfide	9.51		"	10.0		95.1	68-146				
Carbon tetrachloride	10.2		"	10.0		102	77-141				
Chlorobenzene	8.76		"	10.0		87.6	88-120	Low Bias			
Chloroethane	10.8		"	10.0		108	65-136				
Chloroform	9.70		"	10.0		97.0	82-128				
Chloromethane	10.2		"	10.0		102	43-155				
cis-1,2-Dichloroethylene	9.73		"	10.0		97.3	83-129				
cis-1,3-Dichloropropylene	8.68		"	10.0		86.8	80-131				
Dibromochloromethane	9.17		"	10.0		91.7	80-130				
Dibromomethane	8.32		"	10.0		83.2	72-134				
Dichlorodifluoromethane	13.1		"	10.0		131	44-144				
Ethyl Benzene	9.15		"	10.0		91.5	80-131				
Hexachlorobutadiene	7.97		"	10.0		79.7	67-146				
Isopropylbenzene	8.72		"	10.0		87.2	76-140				
Methyl tert-butyl ether (MTBE)	9.65		"	10.0		96.5	76-135				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI91589 - EPA 5030B											
LCS (BI91589-BS2)								Prepared & Analyzed: 09/30/2019			
Methylene chloride	10.3		ug/L	10.0		103	55-137				
Naphthalene	8.40		"	10.0		84.0	70-147				
n-Butylbenzene	8.61		"	10.0		86.1	79-132				
n-Propylbenzene	8.87		"	10.0		88.7	78-133				
o-Xylene	9.05		"	10.0		90.5	78-130				
p- & m- Xylenes	18.4		"	20.0		92.0	77-133				
p-Diethylbenzene	9.92		"	10.0		99.2	84-134				
p-Ethyltoluene	9.24		"	10.0		92.4	88-129				
p-Isopropyltoluene	9.04		"	10.0		90.4	81-136				
sec-Butylbenzene	9.34		"	10.0		93.4	79-137				
Styrene	9.07		"	10.0		90.7	67-132				
tert-Butylbenzene	8.75		"	10.0		87.5	77-138				
Tetrachloroethylene	7.46		"	10.0		74.6	82-131	Low Bias			
Toluene	9.10		"	10.0		91.0	80-127				
trans-1,2-Dichloroethylene	9.79		"	10.0		97.9	80-132				
trans-1,3-Dichloropropylene	8.81		"	10.0		88.1	78-131				
Trichloroethylene	8.64		"	10.0		86.4	82-128				
Trichlorofluoromethane	11.3		"	10.0		113	67-139				
Vinyl Chloride	9.89		"	10.0		98.9	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.69*		*"*	*10.0*		*96.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.39*		*"*	*10.0*		*93.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS Dup (BI91589-BSD1)								Prepared & Analyzed: 09/30/2019			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		0.0991	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	78-136		7.87	30	
1,1,2,2-Tetrachloroethane	9.72		"	10.0		97.2	76-129		8.81	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165		8.31	30	
1,1,2-Trichloroethane	9.30		"	10.0		93.0	82-123		6.78	30	
1,1-Dichloroethane	10.1		"	10.0		101	82-129		6.12	30	
1,1-Dichloroethylene	10.1		"	10.0		101	68-138		8.56	30	
1,1-Dichloropropylene	10.1		"	10.0		101	83-133		7.54	30	
1,2,3-Trichlorobenzene	9.33		"	10.0		93.3	76-136		3.38	30	
1,2,3-Trichloropropane	9.29		"	10.0		92.9	77-128		6.79	30	
1,2,4,5-Tetramethylbenzene	9.33		"	10.0		93.3	85-140		4.20	30	
1,2,4-Trichlorobenzene	8.96		"	10.0		89.6	76-137		2.21	30	
1,2,4-Trimethylbenzene	9.35		"	10.0		93.5	82-132		8.21	30	
1,2-Dibromo-3-chloropropane	9.53		"	10.0		95.3	45-147		8.53	30	
1,2-Dibromoethane	9.84		"	10.0		98.4	83-124		7.27	30	
1,2-Dichlorobenzene	9.07		"	10.0		90.7	79-123		2.07	30	
1,2-Dichloroethane	9.75		"	10.0		97.5	73-132		2.49	30	
1,2-Dichloropropane	9.20		"	10.0		92.0	78-126		2.68	30	
1,3,5-Trimethylbenzene	9.34		"	10.0		93.4	80-131		8.61	30	
1,3-Dichlorobenzene	9.00		"	10.0		90.0	86-122		6.24	30	
1,3-Dichloropropane	9.53		"	10.0		95.3	81-125		5.61	30	
1,4-Dichlorobenzene	8.84		"	10.0		88.4	85-124		5.71	30	
2,2-Dichloropropane	10.6		"	10.0		106	56-150		8.97	30	
2-Butanone	10.3		"	10.0		103	49-152		5.91	30	
2-Chlorotoluene	9.23		"	10.0		92.3	79-130		7.91	30	
2-Hexanone	9.43		"	10.0		94.3	51-146		14.1	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI91589 - EPA 5030B											
LCS Dup (BI91589-BSD1)								Prepared & Analyzed: 09/30/2019			
4-Chlorotoluene	8.94		ug/L	10.0		89.4	79-128		8.67	30	
4-Methyl-2-pentanone	9.63		"	10.0		96.3	57-145		15.2	30	
Acetone	7.58		"	10.0		75.8	14-150		0.132	30	
Benzene	10.7		"	10.0		107	85-126		5.02	30	
Bromobenzene	9.18		"	10.0		91.8	78-129		3.64	30	
Bromochloromethane	9.88		"	10.0		98.8	77-128		2.30	30	
Bromodichloromethane	9.60		"	10.0		96.0	79-128		0.830	30	
Bromoform	9.79		"	10.0		97.9	78-133		7.42	30	
Bromomethane	10.4		"	10.0		104	43-168		6.93	30	
Carbon disulfide	9.99		"	10.0		99.9	68-146		8.80	30	
Carbon tetrachloride	10.6		"	10.0		106	77-141		8.37	30	
Chlorobenzene	9.49		"	10.0		94.9	88-120		2.39	30	
Chloroethane	10.8		"	10.0		108	65-136		9.72	30	
Chloroform	10.1		"	10.0		101	82-128		3.70	30	
Chloromethane	10.4		"	10.0		104	43-155		11.3	30	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129		4.12	30	
cis-1,3-Dichloropropylene	9.58		"	10.0		95.8	80-131		0.314	30	
Dibromochloromethane	9.95		"	10.0		99.5	80-130		4.73	30	
Dibromomethane	9.07		"	10.0		90.7	72-134		6.61	30	
Dichlorodifluoromethane	13.5		"	10.0		135	44-144		9.03	30	
Ethyl Benzene	9.83		"	10.0		98.3	80-131		5.35	30	
Hexachlorobutadiene	8.61		"	10.0		86.1	67-146		4.65	30	
Isopropylbenzene	9.26		"	10.0		92.6	76-140		10.1	30	
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135		8.86	30	
Methylene chloride	10.6		"	10.0		106	55-137		3.43	30	
Naphthalene	9.23		"	10.0		92.3	70-147		6.37	30	
n-Butylbenzene	9.12		"	10.0		91.2	79-132		8.50	30	
n-Propylbenzene	9.38		"	10.0		93.8	78-133		9.64	30	
o-Xylene	9.72		"	10.0		97.2	78-130		3.14	30	
p- & m- Xylenes	19.9		"	20.0		99.5	77-133		4.90	30	
p-Diethylbenzene	10.7		"	10.0		107	84-134		6.87	30	
p-Ethyltoluene	9.83		"	10.0		98.3	88-129		9.22	30	
p-Isopropyltoluene	9.66		"	10.0		96.6	81-136		8.24	30	
sec-Butylbenzene	9.92		"	10.0		99.2	79-137		9.60	30	
Styrene	9.89		"	10.0		98.9	67-132		1.21	30	
tert-Butylbenzene	9.32		"	10.0		93.2	77-138		9.21	30	
Tetrachloroethylene	8.01		"	10.0		80.1	82-131	Low Bias	7.68	30	
Toluene	9.68		"	10.0		96.8	80-127		6.69	30	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132		7.78	30	
trans-1,3-Dichloropropylene	9.71		"	10.0		97.1	78-131		4.31	30	
Trichloroethylene	9.21		"	10.0		92.1	82-128		6.92	30	
Trichlorofluoromethane	11.6		"	10.0		116	67-139		10.3	30	
Vinyl Chloride	10.2		"	10.0		102	58-145		10.2	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.50*		*"*	*10.0*		*95.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.43*		*"*	*10.0*		*94.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI91589 - EPA 5030B

LCS Dup (BI91589-BSD2) Prepared & Analyzed: 09/30/2019

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	9.30		ug/L	10.0		93.0	82-126		0.00	30	
1,1,1-Trichloroethane	9.47		"	10.0		94.7	78-136		3.63	30	
1,1,2,2-Tetrachloroethane	8.76		"	10.0		87.6	76-129		1.70	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.31		"	10.0		93.1	54-165		4.51	30	
1,1,2-Trichloroethane	8.36		"	10.0		83.6	82-123		0.834	30	
1,1-Dichloroethane	9.33		"	10.0		93.3	82-129		4.20	30	
1,1-Dichloroethylene	9.21		"	10.0		92.1	68-138		4.46	30	
1,1-Dichloropropylene	9.23		"	10.0		92.3	83-133		4.66	30	
1,2,3-Trichlorobenzene	8.47		"	10.0		84.7	76-136		4.27	30	
1,2,3-Trichloropropane	8.58		"	10.0		85.8	77-128		1.53	30	
1,2,4,5-Tetramethylbenzene	8.41		"	10.0		84.1	85-140	Low Bias	2.00	30	
1,2,4-Trichlorobenzene	8.23		"	10.0		82.3	76-137		0.847	30	
1,2,4-Trimethylbenzene	8.65		"	10.0		86.5	82-132		1.38	30	
1,2-Dibromo-3-chloropropane	8.53		"	10.0		85.3	45-147		3.12	30	
1,2-Dibromoethane	8.87		"	10.0		88.7	83-124		1.57	30	
1,2-Dichlorobenzene	8.31		"	10.0		83.1	79-123		1.20	30	
1,2-Dichloroethane	9.04		"	10.0		90.4	73-132		1.86	30	
1,2-Dichloropropane	8.37		"	10.0		83.7	78-126		2.48	30	
1,3,5-Trimethylbenzene	8.58		"	10.0		85.8	80-131		2.99	30	
1,3-Dichlorobenzene	8.25		"	10.0		82.5	86-122	Low Bias	2.04	30	
1,3-Dichloropropane	8.63		"	10.0		86.3	81-125		0.232	30	
1,4-Dichlorobenzene	8.23		"	10.0		82.3	85-124	Low Bias	1.09	30	
2,2-Dichloropropane	9.68		"	10.0		96.8	56-150		5.23	30	
2-Butanone	8.97		"	10.0		89.7	49-152		5.26	30	
2-Chlorotoluene	8.44		"	10.0		84.4	79-130		2.57	30	
2-Hexanone	8.36		"	10.0		83.6	51-146		1.93	30	
4-Chlorotoluene	8.32		"	10.0		83.2	79-128		1.90	30	
4-Methyl-2-pentanone	8.45		"	10.0		84.5	57-145		0.590	30	
Acetone	6.03		"	10.0		60.3	14-150		2.78	30	
Benzene	9.83		"	10.0		98.3	85-126		3.69	30	
Bromobenzene	8.48		"	10.0		84.8	78-129		0.705	30	
Bromochloromethane	9.30		"	10.0		93.0	77-128		3.38	30	
Bromodichloromethane	8.68		"	10.0		86.8	79-128		1.60	30	
Bromoform	8.89		"	10.0		88.9	78-133		0.449	30	
Bromomethane	9.98		"	10.0		99.8	43-168		4.79	30	
Carbon disulfide	9.09		"	10.0		90.9	68-146		4.52	30	
Carbon tetrachloride	9.83		"	10.0		98.3	77-141		4.09	30	
Chlorobenzene	8.67		"	10.0		86.7	88-120	Low Bias	1.03	30	
Chloroethane	10.2		"	10.0		102	65-136		5.45	30	
Chloroform	9.31		"	10.0		93.1	82-128		4.10	30	
Chloromethane	9.64		"	10.0		96.4	43-155		5.45	30	
cis-1,2-Dichloroethylene	9.37		"	10.0		93.7	83-129		3.77	30	
cis-1,3-Dichloropropylene	8.54		"	10.0		85.4	80-131		1.63	30	
Dibromochloromethane	9.05		"	10.0		90.5	80-130		1.32	30	
Dibromomethane	8.22		"	10.0		82.2	72-134		1.21	30	
Dichlorodifluoromethane	12.4		"	10.0		124	44-144		4.86	30	
Ethyl Benzene	9.01		"	10.0		90.1	80-131		1.54	30	
Hexachlorobutadiene	7.82		"	10.0		78.2	67-146		1.90	30	
Isopropylbenzene	8.54		"	10.0		85.4	76-140		2.09	30	
Methyl tert-butyl ether (MTBE)	9.57		"	10.0		95.7	76-135		0.832	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI91589 - EPA 5030B											
LCS Dup (BI91589-BSD2)								Prepared & Analyzed: 09/30/2019			
Methylene chloride	9.94		ug/L	10.0		99.4	55-137		3.56	30	
Naphthalene	8.37		"	10.0		83.7	70-147		0.358	30	
n-Butylbenzene	8.29		"	10.0		82.9	79-132		3.79	30	
n-Propylbenzene	8.68		"	10.0		86.8	78-133		2.17	30	
o-Xylene	8.86		"	10.0		88.6	78-130		2.12	30	
p- & m- Xylenes	18.1		"	20.0		90.5	77-133		1.64	30	
p-Diethylbenzene	9.63		"	10.0		96.3	84-134		2.97	30	
p-Ethyltoluene	9.01		"	10.0		90.1	88-129		2.52	30	
p-Isopropyltoluene	8.79		"	10.0		87.9	81-136		2.80	30	
sec-Butylbenzene	9.07		"	10.0		90.7	79-137		2.93	30	
Styrene	8.99		"	10.0		89.9	67-132		0.886	30	
tert-Butylbenzene	8.55		"	10.0		85.5	77-138		2.31	30	
Tetrachloroethylene	7.30		"	10.0		73.0	82-131	Low Bias	2.17	30	
Toluene	8.90		"	10.0		89.0	80-127		2.22	30	
trans-1,2-Dichloroethylene	9.38		"	10.0		93.8	80-132		4.28	30	
trans-1,3-Dichloropropylene	8.71		"	10.0		87.1	78-131		1.14	30	
Trichloroethylene	8.41		"	10.0		84.1	82-128		2.70	30	
Trichlorofluoromethane	10.7		"	10.0		107	67-139		5.29	30	
Vinyl Chloride	9.40		"	10.0		94.0	58-145		5.08	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.44*		*"*	*10.0*		*94.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.39*		*"*	*10.0*		*93.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
19I1255-01	MW-3S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19I1255-02	MW-3D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19I1255-03	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19I1255-04	MW-8D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19I1255-05	Fomer Cleaners Influent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19I1255-06	Fomer Cleaners Midfluent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19I1255-07	Fomer Cleaners Effluent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19I1255-08	Salon Influent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19I1255-09	Salon Midfluent 1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19I1255-10	Salon Midfluent 2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19I1255-11	Salon Effluent	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

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.

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 19I1755

YOUR Information
Company: HES, Inc.
Address: One Deans Bridge Road
Somers, New York 10589
Phone No. (914) 276-2560
Contact Person:
E-Mail Address:

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
406 Rte. 52
Lake Carmel, NY
Samples from: CT ___ NY X NJ ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard(5-7 Days) ☒

Report Type
Summary Report ✓
Summary w/ QA Summary
CT RCP Package
CTRCP DQA/DUE Pkg
NY ASP A Package
NY ASP B Package
NJDEP Red. Deliv.
Electronic Data Deliverables (EDD)
Simple Excel
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Patrick Montuori
Samples Collected/Authorized By (Signature)
Patrick Montuori
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-3S	9-26-19	GW	EPA Method 8260 Full List	(3) HCl VOAs
MW-3D	"	"	"	"
MW-6	"	"	"	"
MW-8D	"	"	"	"

Comments

Preservation
Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Patrick Montuori 9-27-19
Samples Relinquished By Date/Time
Chris 9-27-19 1502
Samples Relinquished By Date/Time

Chris 9-27-19 755
Samples Received By Date/Time
TC Mahler 9/27/19 1502
Samples Received in LAB by Date/Time

Temperature on Receipt 2.1 °C

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 19I1755

YOUR Information	Report To:	Invoice To:	YOUR Project ID
Company: HES, Inc.	Company: Same	Company: Same	406 Rte. 52
Address: One Deans Bridge Road	Address:	Address:	Lake Carmel, NY
Somers, New York 10589			
Phone No. (914) 276-2560	Phone No.	Phone No.	
Contact Person:	Attention:	Attention:	
E-Mail Address:	E-Mail Address:	E-Mail Address:	

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐

Samples from: CT ___ NY X NJ ___ **Standard(5-7 Days)** ☒

Report Type
- Summary Report ✓
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package ___
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___

York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Patrick Montuori
Samples Collected/Authorized By (Signature)

Patrick Montuori
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List?	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Former Cleaners Influent	9-26-19	DW	EPA Method 8260 Full List	(3) HCl VOAs
Former Cleaners Midfluent				
Former Cleaners Effluent				
Salon Influent				
Salon Midfluent 1				
Salon Midfluent 2				
Salon Effluent				

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Patrick Montuori	9-27-19	Chris C	9-27-19 7:55
Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Chris C	9-27-19 1502	T. Mahl	9/27/19 1502
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt 2.1 °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: March 15, 2013 to December 30, 2019

	YES	NO
1. Is the information above correct?	☑	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☑
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☑
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☑
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☑

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☑	☐
7. Are all ICs/ECs in place and functioning as designed?	☑	☐

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

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

Signature of Owner, Remedial Party or Designated Representative Date

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 La Russell's Cleaners (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

01/14/2020
Date

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

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

I William A. Canavan (print name) at One Deans Bridge Rd Somers, NY 10589 (print business address)

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

William A. Canavan — Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

2/6/20 — Date

APPENDIX D:

February 2019 Low-Flow Sampling Logs

HydroEnvironmental SOLUTIONS, INC.
One Deans Bridge Road Somers, New York 10589
(914) 276 - 2560 Fax: (914) 276 - 2664

Well Sampling Field Data Sheet

Personnel: PWM/MJS Date: 2/28/19 Well ID: MW-3D Initial DTW: Not Recorded Final DTW: Not Recorded
Site/Address: 406 Route 52 Well Depth: 55.5 ftbg Intake Depth : 50 ftbg
Lake Carmel, New York Well Diameter: 2 inches Purge: ~~Bail~~ / Low-Flow
Conditions: Overcast, 30° Screen Interval (ftbg): 55.5-44.5 ftbg Purge Volume: Approx. 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. (%)
[(Measurement difference) / (Current measurement) x 100 = Percent Difference]								
1	11:37	13.06	9.43	-105	0.967	24.5	8.98	88.4
2	11:42	13.23	9.77	-122	0.941	36.3	7.59	75.0
3	11:47	13.24	9.05	-87	0.892	41.8	6.44	63.6
4	11:52	13.32	8.42	-56	0.865	45.5	5.28	52.3
5	11:57	13.47	8.14	-42	0.832	49.0	4.79	47.5
6	12:02	13.40	7.95	-33	0.803	59.4	5.17	51.3
7	12:07	13.40	7.87	-29	0.785	61.6	5.07	50.3
8	12:12	13.35	7.78	-25	0.767	66.4	4.82	47.8
9								
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-8D Analyses: EPA Method 8260
Start Purge: 11:32 Stop Purge: 12:12 Sample Time: 12:13 1,4-Dioxane: EPA 8270
Approx. Pumping Rate: 0.08 gpm Sample Quality: Clear PFAS: EPA Method 537

Comments: Depth to water not recorded in order to avoid PFAS contamination from plastic interface tape.

HydroEnvironmental SOLUTIONS, INC.
One Deans Bridge Road Somers, New York 10589
(914) 276 - 2560 Fax: (914) 276 - 2664

Well Sampling Field Data Sheet

Personnel: PWM/MJS Date: 2/28/19 Well ID: MW-6 Initial DTW: 7.55 ftbg Final DTW: Not Recorded
Site/Address: 406 Route 52 Well Depth: 55.5 ftbg Intake Depth : 30 ftbg
Lake Carmel, New York Well Diameter: 3 inches Purge: ~~Bail~~ / Low-Flow
Conditions: Overcast, 30° Screen Interval (ftbg): 55.5 - 35.5 ftbg Purge Volume: Approx. 4 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. (%)
[(Measurement difference) / (Current measurement) x 100 = Percent Difference]								
1	15:25	11.43	6.50	268	0.760	13.6	5.99	56.8
2	15:30	11.49	6.56	267	0.755	13.1	9.01	85.5
3	15:35	11.45	6.57	269	0.751	11.8	9.10	86.3
4	15:40	11.52	6.59	270	0.737	9.8	8.75	83.1
5	15:45	11.49	6.58	271	0.737	8.8	8.72	82.8
6	15:50	11.55	6.58	273	0.727	7.8	8.39	79.8
7								
8								
9								
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: VOCs: EPA Method 8260
Start Purge: 15:20 Stop Purge: 15:50 Sample Time: 15:51
Approx. Pumping Rate: 0.15 gpm Sample Quality: Clear

Comments:

HydroEnvironmental SOLUTIONS, INC.
One Deans Bridge Road Somers, New York 10589
(914) 276 - 2560 Fax: (914) 276 - 2664

Well Sampling Field Data Sheet

Personnel: PWM/MJS Date: 2/28/19 Well ID: MW-8D Initial DTW: Not Recorded Final DTW: Not Recorded
Site/Address: 406 Route 52 Well Depth: 24.5 ftbg Intake Depth : 20 ftbg
Lake Carmel, New York Well Diameter: 2 inches Purge: ~~Bail~~ / Low-Flow
Conditions: Overcast, 30° Screen Interval (ftbg): 23.5-13.5 ftbg Purge Volume: Approx. 5 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. (%)
[(Measurement difference) / (Current measurement) x 100 = Percent Difference]								
1	13:45	10.16	6.79	241	1.57	22.0	8.6	78
2	13:50	10.17	6.63	244	1.57	16.3	7.97	74.0
3	13:55	10.44	6.56	246	1.56	16.5	7.50	69.9
4	14:00	10.61	6.51	248	1.55	15.4	6.88	69.2
5	14:05	10.71	6.49	248	1.52	15.2	6.31	59.00
6	14:10	10.67	6.45	251	1.53	14.7	5.81	54.2
7	14:15	10.63	6.44	251	1.51	12.7	5.51	51.4
8	14:20	10.77	6.42	252	1.51	14.6	5.28	49.4
9	14:25	10.78	6.40	253	1.51	11.4	5.26	49.3
10	14:30	10.77	6.39	254	1.51	11.6	5.08	47.6
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-8D Analyses: EPA Method 8260
Start Purge: 13:40 Stop Purge: 14:30 Sample Time: 14:31 1,4-Dioxane: EPA 8270
Approx. Pumping Rate: 0.1 gpm Sample Quality: Clear PFAS: EPA Method 537

Comments: Depth to water not recorded in order to avoid PFAS contamination from plastic interface tape.