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PRE-DESIGN INVESTIGATION REPORT

7-11 Johnes Street Site – NYSDEC Site # B00188
7-11 Johnes Street
Newburgh, New York 12550

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Project/Site Information:
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I, Patrick Montuori, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this 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) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

_____
Patrick Montuori, P.G. - Project Manager

1.0 INTRODUCTION

This report describes the Pre-Design Investigation (PDI) performed by HRP Associates, Inc. (HRP) at the 7-11 Johnes Street Site located at 7-11 Johnes Street in Newburgh, New York (herein referred to as the Site) on behalf of the City of Newburgh. The Site is part of the New York State Department of Environmental Conservation's (NYSDEC) Environmental Restoration Program (ERP) and is identified as NYSDEC Site #B00188. The Site location is depicted on **Figure 1**.

The PDI was conducted to address data gaps in the conceptual site model (CSM) for the Site, specifically, to screen for the presence of the emerging contaminants per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane in Site groundwater, to identify a potential source of PFAS contamination in Site soils, and to collect pre-remediation baseline groundwater analytical data for the Site contaminants of concern, which include volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals.

Interpretations presented within this report are based primarily on the investigations described herein. Site history and background information were compiled by HRP based on review of the Remedial Investigation (RI) Report prepared by First Environment, dated April 2016, previous environmental reports and other records obtained from the NYSDEC. Applicable data from available documents and environmental investigations have been included in sections of this report.

The remainder of this report includes a description of the Site and relevant background information, summaries of PDI field activities, findings, conclusions, and recommendations.

1.1 Site Description and Background Information

The Site is located at 7-11 Johnes Street in Newburgh, New York (**Figure 1**). The 0.18-acre Site consists of a vacant lot. Concrete block retaining walls are present on portions of the northern and western Site boundaries. The Site is currently being used by the City of Newburgh for parking. The proposed future use of the Site is restricted residential.

A dilapidated building once stood on the northern two thirds of the Site prior to its demolition in late 2012. Following the demolition of the former building and removal/off-site disposal of the associated rubble and underlying soil, a majority of the Site was covered with a minimum of one foot of certified clean crushed stone.

The Site is bounded to the north by a vacant lot, to the south by residential and commercial properties, to the east by Johnes Street followed by light industrial properties, and to the west by residential properties. A Site plan is included as **Figure 2**.

1.2 Site Geology and Hydrogeology

Site topography is generally flat with a slight downward slope to the east. In the southwest corner of the Site, a steep downward slope to the east is present. Regional topography slopes towards the Hudson River, which is approximately 1/8 of a mile east of the Site.

Soil at the Site is identified by the United States Department of Agriculture (USDA) Soil Conservation Service (SCS) as the Mardin gravelly silt loam, 3 to 8 percent slopes, a class D gravelly silt loam characterized with very slow infiltration rates and coarse to fine textures. Site surficial geology is mapped as till (Caldwell et. al., 1986). Based on PDI soil borings, fill material is present beneath the imported crushed stone layer at depths ranging from 1 to 10 feet below grade (ft bg) and consists of coal and coal ash, brick, concrete, and construction and demolition debris in a silt and sand matrix. Fill is generally underlain by a discontinuous sand and silt layer with varying amounts of gravel, observed at depths ranging from 1 to 13 ft bg. The sand and silt layer is underlain by silt and clay with varying amounts of gravel, observed from 5 to 25 ft bg. PDI soil borings were limited to a maximum completion depth of 25 ft bg. Refusal was encountered at depths ranging from 15.5 to 22.5 ft bg during the PDI, which is consistent with refusal depths encountered during the RI. Depth to bedrock was not confirmed by bedrock coring during either investigation. Site bedrock geology is mapped as an unknown unit (Fischer et. al. 1970). PDI soil boring logs are included in **Appendix A**.

During the PDI, depth to water ranged from 9.11 to 16.40 feet below top of casing (ft btoc), or approximately 7 to 13 ft bg. This is generally consistent with the range of depth to water recorded during the RI (2.35 to 15.65 ft btoc). Groundwater was not present in soil borings on the southeastern-most portion of the Site during either investigation. Groundwater flow direction was determined to be to the southeast during the RI, as shown on **Figure 2**. Monitoring well construction details and PDI depth to water measurements are included in **Table 1**.

1.3 Previous Investigations and Site History

The following Site history and environmental investigation history have been compiled based on summaries in the RI and the March 2017 Record of Decision (ROD) issued by the NYSDEC.

The Site historically operated as a dry-cleaning business at which petroleum was stored underground. The business operated for approximately 40 years until the City of Newburgh took the property for back taxes. Four underground storage tanks (USTs) were removed, and 362 tons of impacted soil was excavated and disposed of off-site in June 1999. The tanks were reportedly deteriorated and had leaked their contents into the soil and groundwater. Based on field observations and excavation end point analytical results, petroleum contamination remained in-place in Site soils following the remedial excavation. The approximate extent of the former UST excavation area is depicted on **Figure 2**.

An RI was conducted at the Site by First Environment between 2012 and 2015. The RI found petroleum staining in soils at the water table extending from the former UST excavation on the western portion of the Site to the southeastern extent of the former building footprint. Additionally, SVOCs (specifically polycyclic aromatic hydrocarbons [PAHs]) and metals (mercury and lead) were

detected in near-surface soils (0-.5-1 ft bg) along the southern portion of the property at concentrations exceeding Restricted Residential Use (RRU) and Commercial Use (CU) Soil Cleanup Objectives (SCOs). Dissolved-phase VOCs, including 1,2,4-trimethylbenzene, isopropylbenzene, and n-propylbenzene were detected at concentrations exceeding NYSDEC Technical & Operational Guidance Series (TOGS) 1.1.1 Class GA criteria in the center of the Site at MW-3. The downgradient extent of dissolved-phase VOC groundwater impacts could not be confirmed as MW-4 (the only monitoring well downgradient of MW-3) was dry and could not be sampled. Metals, including lead and mercury, were also detected at concentrations exceeding Class GA criteria in groundwater collected from MW-1 and MW-5.

Based on information presented in the RI, the ROD identified the following contaminants of concern exceeding standards, criteria, and guidance (SCGs) in soil and groundwater:

- The VOCs 1,2,4 trimethylbenzene, benzene, isopropylbenzene, n-propylbenzene, and sec-butylbenzene.
- The SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and dibenz[a,h]anthracene.
- The metals lead and mercury.

1.4 Summary of Proposed Remedy

Based on the RI and Alternative Analysis (AA) reports, a remedy was selected and documented in the ROD. The selected remedy includes the following components:

- A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedy. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31.
- A site cover system will be required to allow for restricted-residential use of the Site in areas where the upper 2 feet of exposed surface soil will exceed applicable SCOs.
- An environmental easement will be required as an institutional control.
- A Site Management Plan (SMP) will be required, including an institutional and engineering control plan and a monitoring plan to assess the performance and effectiveness of the remedy.

1.5 Data Gaps

The purpose of this PDI is to address the data gaps in the CSM which may impact the design and implementation of components of the Site remedy. Based on HRP and NYSDEC's review of the RI, the following data gap was identified:

- Prior to the PDI, groundwater samples were not analyzed for the emerging contaminants, PFAS and 1,4-dioxane.

During the initial phase of PDI field investigation, monitoring wells MW-1 and MW-5 could not be located (presumed to be destroyed) and monitoring wells MW-2 and MW-4 were found to be dry or have insufficient yield for the collection of groundwater samples. One groundwater sample was collected from MW-3; however, the well went dry during sampling. The PFAS perfluorooctanesulfonic acid (PFOS) was detected at a concentration of 607 nanograms per liter (ng/L) in the groundwater sample collected from monitoring well MW-3. 1,4-dioxane was not detected in the MW-3 groundwater sample. The PDI field activities and results are discussed in further detail in the following sections of this report.

Based on the results of the initial PDI activities, the following additional data gaps were identified and investigated during subsequent PDI field work:

- Site soils and fill material have not previously been investigated for a source of PFAS observed in Site groundwater.

- Site groundwater has not been investigated for the presence of contaminants of concern since groundwater sampling completed for the RI (2013-2015).

2.0 FIELD ACTIVITIES

The following field activities were completed as part of this PDI to fill the data gaps identified in **Section 1.5**. Field activities were completed in general accordance with the PDI Work Plan dated February 16, 2024, and the PDI Work Plan Addendum dated June 18, 2024 (collectively the PDI Work Plans).

- Completion of a Site survey on March 13, 2024.
- Inventory and sampling of existing Site monitoring wells on April 18, 2024. Samples could be collected from MW-3 only and were analyzed for PFAS and 1,4-dioxane.
- Completion of a private utility mark out and ground penetrating radar (GPR) survey on October 24, 2024.
- Installation of eight soil borings to a depth of 25 ft bg or refusal and collection of 12 soil samples for PFAS analysis on October 28 and 29, 2024.
- Decommissioning of three monitoring wells on October 29, 2024.
- Installation of five overburden monitoring wells to replace the compromised well network on October 31, 2024.
- Collection of groundwater samples from four of five newly installed monitoring wells (MW-2R was found to be dry) for VOC, SVOC, metals, PFAS, and 1,4-dioxane analysis on November 15, 2024.

Each of the field activities are described in detail below. Deviations from the PDI Work Plans are summarized in **Section 2.5**.

2.1 Site Survey

HRP retained the services of Creighton Manning Engineering, LLP (Creighton Manning) to complete a survey of existing monitoring well locations. Survey field work was completed on March 13, 2024. Soil borings and monitoring wells installed in October 2024 have not yet been surveyed. The soil boring locations were recorded by measuring distances from landmarks in the field (swing-tie measurements). The monitoring well locations and elevations will be surveyed by a NYS licensed surveyor as part of the Site survey completed following installation of the Site cover system. The survey prepared in March 2024, prior to the installation of the new monitoring wells, is included as **Appendix B**.

2.2 Utility Markout and Ground Penetrating Radar (GPR) Survey

Prior to conducting drilling activities, HRP called in underground utility clearance through the NYS Code Rule 753/Dig Safe System to mark out public utilities coming into the Site from the street.

On October 24, 2024, on-site underground utility clearance and a Site GPR survey were conducted by Greenstar Environmental Solutions, LLC (Greenstar). GPR surveying is a nonintrusive, subsurface geophysical investigation technique that detects subsurface structures by transmitting electromagnetic waves from an antenna into the ground. The antenna then monitors the strength and time delay of the return signal. The return signal is then evaluated for any anomalies, which by

their size, shape and orientation can be interpreted as voids, underground storage tanks, utility pipelines, soil-bedrock interface or areas of different sediment compaction.

The GPR survey was conducted at all accessible areas within the Site boundary. No utilities were identified entering the Site; however, it should be noted that gas and electric were identified as entering the Site at the time of the RI. Two anomalies were located along the western edge of the former building footprint. One anomaly was determined to be approximately 5 feet long and two feet wide, the other was determined to be approximately 3 feet long and 2 feet wide. Both anomalies were determined to be approximately 3 ft bg. Based on the locations of the anomalies along the footprint of the former building, they are suspected to be pieces of reinforced concrete associated with the former building foundation. The locations of the anomalies are depicted on the GPR survey report included in **Appendix C**.

2.3 Subsurface Soil Investigation

On October 28-29, 2024, HRP oversaw Core Down Drilling, LLC. (Core Down) during the installation of eight soil borings (designated SB-1 through -8) using a Geoprobe 6712DT, track-mounted drill rig equipped with a 2-inch macro-core sampler which was advanced using a direct-push method. Soil borings were advanced to a depth of 25 ft bg or refusal. Refusal was encountered in 7 of 8 soil borings at depths ranging from 15.5 to 22.5 ft bg. Soil borings were installed to characterize Site soils and collect samples for laboratory PFAS analysis. Soil borings were installed in the approximate locations of the five RI wells to maximize Site coverage, and in 3 locations across the footprint of the former Site building (a potential location of PFAS surface releases). Soil samples were collected from near-surface intervals below the crushed stone cover (generally samples of fill material) at the approximate groundwater interface, or within saturated soil. Soil boring locations are depicted on **Figure 2**. Justifications for soil boring locations and sample depths are presented on **Table 1**. Soil boring logs are included in **Appendix A**.

During soil boring installation, soil samples were logged and screened in 5-foot increments by an HRP geologist. Soil samples were logged by grain size, color, moisture, presence of fill material, and obvious physical evidence of contamination (i.e. odor, staining). A total of 12 Site soil samples were analyzed by York Analytical Laboratories (York) for PFAS by EPA Method 1633. In addition, 3 QA/QC soil samples (1 duplicate, 1 matrix spike [MS], and 1 matrix spike duplicate [MSD]) were analyzed for PFAS by EPA Method 1633.

2.4 Groundwater Investigation

2.4.1 April 2024 Monitoring Well Sampling

On April 18, 2024, HRP mobilized to the Site to locate and sample existing monitoring wells installed during the RI, for the purpose of identifying the presence of emerging contaminants in accordance with the PDI Work Plan. Only one of the five monitoring wells (MW-3) could be sampled in accordance with the PDI Work Plans and the *NYSDEC Sampling, Analysis, and Assessment of PFAS Under NYSDEC Part 375 Remedial Programs, April 2023* guidance document (NYSDEC PFAS Guidance Document). During sample collection, MW-3 ran dry. The well was allowed to recharge

before sample collection was continued. The samples were collected using a peristaltic pump and dedicated high density polyethylene tubing and were transferred to appropriately labeled laboratory-supplied containers, stored on ice, and submitted under chain of custody to York. One Site groundwater sample (MW-3) was analyzed for PFAS by EPA Method 1633 and 1,4-dioxane EPA Method 8270 SIM. In addition, 5 QA/QC groundwater samples (1 MS, 1 MSD, 1 field duplicate, and 1 equipment blank) were collected. The monitoring well locations are depicted on **Figure 2**. The groundwater sampling log is included in **Appendix D**.

HRP conducted a Site walk-through to find the remaining monitoring wells using a Schonstedt GA-92 XTD Magnetic Locator and excavation hand tools. Monitoring wells MW-1 and MW-5 could not be located (presumably destroyed) and monitoring wells MW-2 and MW-4 were found to be dry or have insufficient yield for the collection of groundwater samples. The monitoring well locations are depicted on **Figure 2**.

2.4.2 Decommissioning of Wells

On October 29, 2024, HRP oversaw Core Down during the decommissioning of three RI monitoring wells (designated MW-2, -3, and -4). The wells were decommissioned in accordance with NYSDEC *CP-43: Groundwater Monitoring Well Decommissioning Policy* and the PDI Work Plan Addendum. The wells were decommissioned because MW-2 and MW-4 were found to be dry during the April 2024 sampling event and because MW-3 went dry during sampling in April 2024. All three monitoring wells were replaced with deeper wells as described below. Each of the three wells was grouted with Portland cement, retrievable casing was removed (minimum 3 ft), and the manhole was removed. The surface was then repaired with gravel. Decommissioning Logs can be found in **Appendix E**. Monitoring well locations are depicted on **Figure 2**.

2.4.3 Monitoring Well Installation

On October 31, 2024, HRP oversaw Core Down during the installation of five monitoring wells (designated MW-1R, -2R -3R, -4R, and -5R) in accordance with the PDI Work Plan Addendum. The monitoring wells were installed to replace the RI well network which was determined to be compromised based on its condition during the April 2024 PDI sampling event. The five replacement PDI monitoring wells were installed in the approximate locations of RI monitoring wells to delineate PFAS groundwater impacts identified at MW-3 during the April 2024 sampling event, and to maximize spatial coverage of the Site.

Monitoring wells were installed using a Geoprobe 6712 DT drill rig equipped with a hollow stem auger. Each monitoring well was constructed of 2-inch schedule 40 PVC with 10 feet of 10-slot screen positioned to intercept the groundwater interface (as observed in soil borings). Drill cuttings generated by the well installs were containerized in labeled 55-gallon drums and staged on-site for future disposal. Well construction details are summarized in **Table 1** and well construction logs are included in **Appendix F**. Monitoring well locations are depicted on **Figure 2**.

2.4.4 Monitoring Well Development

On October 31, 2024, HRP oversaw Core Down during the development of each of the four newly installed monitoring wells. Monitoring well MW-2R could not be developed as insufficient groundwater was present. The wells were developed by pumping and surging until 6-10 well volumes of groundwater were removed and groundwater observed to be visually clear. Groundwater generated during development was containerized in labeled 55-gallon drums and staged on-site for future disposal.

2.4.5 November 2024 Monitoring Well Sampling

On November 15, 2024, HRP mobilized the Site to gauge and sample the newly installed monitoring wells. Groundwater samples were collected to determine the nature and extent of emerging contaminants in Site groundwater and to collect pre-remediation baseline groundwater data for contaminants of concern. Monitoring well MW-2R could not be sampled due to insufficient groundwater yield.

A synoptic round of depth to water measurements were recorded before sampling and are presented on **Table 1**. Groundwater samples were collected using low-flow groundwater sampling procedures in accordance with the PDI Work Plans and the NYSDEC PFAS Guidance Document. The samples were collected using a peristaltic pump and dedicated high density polyethylene tubing and were transferred to appropriately labeled laboratory-supplied containers, stored on ice, and submitted under chain of custody to York. The sampling logs can be found in **Appendix D**. Monitoring well locations are depicted on **Figure 2**.

A total of four Site groundwater samples were collected for the following analyses performed by York:

- PFAS by EPA Method 1633
- 1,4- dioxane by EPA Method 8270 SIM
- Target Compound List (TCL) VOCs by EPA Method 8260
- TCL SVOCs by EPA Method 8270
- Resource Conservation and Recovery Act (RCRA) Metals by EPA Methods 6010D & 7470A

In addition, QA/QC groundwater samples (including 1 duplicate, 1 MS, 1 MSD, and 1 field blank) were collected for each of the analyses above. One trip blank was analyzed for VOCs by EPA Method 8260.

2.5 Deviations

The following deviations were made from the PDI Work Plans:

- The PDI Work Plan indicated groundwater samples would be collected from up to five existing monitoring wells for PFAS and 1,4-dioxane analysis during the April 2024 sampling event;

however, only one well (MW-3) was found to be in adequate condition for sampling. Other remaining wells were decommissioned and replaced as described above, and replacement wells were sampled.

- The location of MW-4R changed from what was proposed in the PDI Work Plan Addendum. The soil boring in the proposed MW-4R location (SB-2 in the southeast corner of the Site) did not display evidence of sufficient groundwater before encountering refusal at 22.5 ft bg. A location approximately 20 ft north of the originally proposed location (SB-1) was selected for MW-4R instead. Soil boring and monitoring well locations are depicted on **Figure 2**.

- MW-2R could not be developed or sampled due to insufficient groundwater yield.

- Monitoring well and soil boring locations installed during the PDI have not yet been surveyed by a NYS licensed surveyor as was specified in the PDI Work Plan Addendum. The soil boring locations were recorded by measuring distances from landmarks in the field (swing-tie measurements). The monitoring well locations and elevations will be surveyed by a NYS licensed surveyor as part of the Site survey completed following installation of the Site cover system. Soil boring and monitoring well locations are depicted on **Figure 2**. The survey prepared in March 2024, prior to the installation of the new monitoring wells, is included as **Appendix B**.

3.0 FINDINGS

The following sections present the findings from the PDI related to contamination of subsurface soil and groundwater beneath the study area. All laboratory analytical data are provided in **Appendix G**.

3.1 Standards, Criteria, and Guidance

Compounds detected in the soil samples collected during this PDI were compared to NYSDEC Regulation, 6 NYCRR Subpart 375-6, "Remedial Program Soil Cleanup Objectives," and the NYSDEC PFAS Guidance Document, dated April 2023. Specifically, soil analytical results were compared to Unrestricted Use (UU), Protection of Groundwater (PGW), and Restricted Residential (RR) Soil Cleanup Objectives (SCOs).

Compounds detected in the groundwater samples collected during this PDI were compared to NYSDEC Division of Water TOGS 1.1.1; Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations dated October 1993; Revised June 1998; ERRATA Sheet dated January 1999; Addendum dated April 2000; and Addendum dated June 2023. Specifically, groundwater sample results were compared to Class GA standards and guidance values, applicable to groundwater and referred to herein as Class GA criteria.

3.2 Soil Investigations

3.2.1 Observations

Fill material was observed in each of the eight soil borings ranging in depth from 1 to 10 ft bg. Fill was observed to consist of coal and coal ash, brick, concrete, and construction and demolition debris in a silt and sand matrix. HRP observed indications of gross petroleum contamination (staining, odors, elevated PID readings) in soil borings SB-1, -4, -5, and -7 at the approximate depth of groundwater interface. The extent of petroleum staining impacts observed during the PDI are depicted on **Figure 2**. Observations of contamination are included in the soil boring logs in **Appendix A**.

3.2.2 Analytical Results

PFAS, including perfluorohexanoic acid (PFHxA), PFOS, and perfluorooctanoic acid (PFOA), were detected at concentrations exceeding laboratory reporting limits in 7 of 12 Site soil samples collected. PFOS was detected at concentrations exceeding UU SCOs in three samples [SB-1 (4 ft bg), SB-4 (3 ft bg), and SB-5 (3 ft bg)], and at concentrations exceeding PGW SCOs in 2 samples [SB-1 (4 ft bg), SB-4 (3 ft bg)]. No other PFAS were detected at concentrations exceeding SCOs in any other soil samples. PFAS was not detected at concentrations exceeding RRU SCOs in any samples. Soil analytical results are summarized in **Table 3** and **Figure 3**. Laboratory analytical reports are included in **Appendix G**.

3.2.3 Findings

Evidence of gross petroleum impacts were observed throughout the central portion of the Site extending from the northwestern portion of the former UST excavation, downgradient towards the southeastern edge of the former building footprint and the eastern property boundary. This is consistent with observations made during the RI. The extent of petroleum staining impacts observed during the PDI are depicted on **Figure 2**. Soil boring logs are included in **Appendix A**.

PFAS, specifically PFOS, is present in subsurface fill material on-site at concentrations exceeding UU and PGW SCOs but below RRU SCOs. PFAS was not found in subsurface soils at the groundwater table at concentrations exceeding any SCOs. Based on these results, impacted fill material is likely contributing to on-site PFAS groundwater contamination; however, there is no evidence of a major PFAS release or source area in Site soils. Soil analytical results are summarized in **Table 3** and **Figure 3**.

3.3 Groundwater Investigations

3.3.1 Observations

No non-aqueous phase liquid (NAPL) or other indications of petroleum impacts (odors or sheen) were observed in any monitoring wells. During the April 2024 sampling event, insufficient groundwater was present for sampling at MW-2 and MW-4. Monitoring wells MW-1 and MW-5 could not be located. MW-3 ran dry during sample collection in April 2024; however, sampling was completed following recharge. During the November 2024 sampling event, insufficient groundwater was present for sampling at MW-2R and MW-4R. Groundwater sampling observations are included in the sampling logs provided in **Appendix D**.

3.3.2 Analytical Results

Contaminants of Concern:
VOCs, including 1,2,4-trimethylbenzene, isopropylbenzene, n-butylbenzene, n-propylbenzene, sec-butylbenzene, and tert-butylbenzene were detected at concentrations exceeding Class GA Criteria in three of the four monitoring wells sampled (MW-1R, MW-3R, and MW-4R). Additional VOCs were detected at concentrations exceeding laboratory reporting limits, but below Class GA Criteria.

No SVOCs or metals were detected at concentrations exceeding Class GA Criteria in the four monitoring wells sampled. Several SVOCs and metals were detected at concentrations exceeding laboratory reporting limits, but below Class GA Criteria.

VOC, SVOC, and metal groundwater analytical results from the PDI are summarized in **Table 4** and **Figure 4**. A comparison of PDI and RI concentrations of VOC, SVOC, and metal contaminants exceeding Class GA Criteria is included in **Table 5.** Laboratory analytical reports are included in **Appendix G**.

Emerging Contaminants:
Results from the April 2024 sampling event at MW-3 indicate the PFAS compounds PFOS and PFOA were detected at concentrations exceeding Class GA criteria. PFOS was detected at a concentration of 607 nanograms per liter (ng/L) and PFOA was detected at a concentration of 66 ng/L. Additional PFAS were detected at concentrations exceeding laboratory reporting limits, but do not have promulgated Class GA Criteria. 1,4-dioxane was not detected at a concentration exceeding its laboratory reporting limit in MW-3.

Results from the November 2024 sampling event at MW-1R, -3R, -4R, and -5R indicate the PFAS compounds PFOS and PFOA were detected at concentrations exceeding NYSDEC Class GA Criteria at each of the monitoring wells. PFOS was detected at concentrations ranging from 5.2 to 60.9 ng/L. PFOA was detected at concentrations ranging from 12.5 to 21.4 ng/L. Additional PFAS were detected at concentrations exceeding laboratory reporting limits, but do not have promulgated Class GA Criteria.

1,4-dioxane was not detected at concentrations exceeding Class GA Criteria in any groundwater samples.

PFAS and 1,4 dioxane groundwater analytical results are summarized in **Table 5**. PFAS analytical results exceeding Class GA Criteria during the two PDI sampling events are summarized in **Table 7** and **Figure 5**. Laboratory analytical reports are included in **Appendix G**.

3.3.3 Findings

VOCs and PFAS are present in Site groundwater at concentrations exceeding Class GA Criteria. Other contaminants of concern, including several SVOCs and the metals mercury and lead, were not detected at concentrations exceeding Class GA Criteria during PDI groundwater sampling. During the RI, SVOCs were only detected at concentrations exceeding Class GA Criteria in grab groundwater samples collected from temporary monitoring wells, and may be attributed to silty, high-turbidity samples.

During PDI groundwater sampling, VOCs were detected at concentrations exceeding Class GA Criteria in MW-1R, MW-3R, and MW-4R, each of which are locations where gross petroleum impacts were observed in soil. The highest concentrations of VOCs were detected in MW-3R, located downgradient of the former UST excavation and adjacent to the former location of MW-3 where the highest concentrations of VOCs were detected during the RI. PDI analytical results also indicate VOCs are present at concentrations exceeding Class GA Criteria at MW-4R, on the downgradient boundary of the Site.

The PFAS compounds PFOS and PFOA are present in groundwater at concentrations exceeding Class GA Criteria across the Site. Based on the range of PFOS concentrations detected in MW-1R, -3R, -4R, and -5R during the November 2024 sampling event (5.2 – 60.9 ng/L), the PFOS concentration detected at MW-3 during the April 2024 sampling event (607 ng/L), appears to be anomalous. The widespread presence of PFAS in Site groundwater and the presence of PFAS in the furthest

upgradient Site monitoring well, MW-1R, suggest that upgradient off-site sources may be contributing to on-site PFAS groundwater impacts.

1,4-dioxane was not detected in any Site groundwater samples collected during either of the PDI groundwater sampling events and is therefore not a contaminant of concern for the Site.

3.4 Data Validation

Analytical data obtained during the PDI were validated to evaluate the usability of the data. Data Usability Summary Reports (DUSRs) are provided in **Appendix H**. The DUSRs indicate which data are subject to limitations and identify certain data that are flagged as rejected and should not be used.

The data was determined to be mostly acceptable with some issues identified in the DUSRs. Some non-detect groundwater results from the April 2024 and November 2024 groundwater sampling events were qualified as rejected, unusable (R). None of the soil sampling data were rejected.

All data that are not qualified rejected are considered usable, with estimated (J, J-, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the DUSRs included as **Appendix H**.

4.0 CONCLUSIONS

Based on the data collected to date, HRP offers the following conclusions:

- PFAS, specifically PFOS, is present in subsurface fill material on-site at concentrations exceeding UU and PGW SCOs but below RRU SCOs. PFAS was not found in subsurface soils at the groundwater table at concentrations exceeding any SCOs. Based on these results, impacted fill material is likely contributing to on-site PFAS groundwater contamination; however, there is no evidence of a major PFAS release or source area in Site soils.

- PFAS is present in groundwater throughout the Site. The PFAS compounds PFOS and PFOA are present in each of the Site monitoring wells at concentrations exceeding Class GA Criteria. Concentrations of PFAS detected in Site groundwater are not indicative of a major on-site release. The widespread presence of PFAS in Site groundwater and the presence of PFAS in the furthest upgradient Site monitoring well, MW-1R, suggest that upgradient off-site sources may be contributing to on-site PFAS groundwater impacts. Based on the range of PFOS concentrations detected in MW-1R, -3R, -4R, and -5R during the November 2024 sampling event (5.2 – 60.9 ng/L), the PFOS concentration detected at MW-3 during the April 2024 sampling event (607 ng/L), appears to be anomalous.

- 1,4-dioxane was not detected in any Site groundwater samples collected during either of the PDI groundwater sampling events and is therefore not a contaminant of concern for the Site.

- VOCs are present in Site groundwater at concentrations exceeding Class GA Criteria. VOC groundwater impacts extend from the former UST excavation downgradient to the eastern edge of the Site.

5.0 RECCOMENDATIONS

Based on the findings of the PDI, HRP offers the following recommendations:

- As no evidence of a major PFAS release or PFAS source area was found during the PDI, no remedial excavation should be performed as part of the Site remedy, other than what is necessary for the construction of the Site cover system and for Site redevelopment.

- The collection of groundwater samples for PFAS and VOC analysis should be included as part of the SMP.

6.0 REFERENCES

Published Sources

- Caldwell, et. al., 1986, New York State Surficial Geology Map.
- Fischer, et. al., 1975, New York State Bedrock Geology Map.
- New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, October 22, 1993, Reissued June 1998, ERRATA Sheet January 1999, Addendum April 2000, Addendum February 2023.
- New York State Department of Environmental Conservation, Division of Environmental Remediation, DER-10 Technical Guidance for Site Investigation and Remediation, May 2010.
- 6 NYCRR Part 375, Environmental Remediation Programs, Subparts 375-1 to 375-4 & 375-6, Effective December 14, 2006. Division of Environmental Remediation, New York State Department of Environmental Conservation.
- Record of Decision, 7-11 Johnes Street, Environmental Restoration Project, Newburgh (c), Orange County, Site No. B00188, issued March 2017. Division of Environmental Remediation, New York State Department of Environmental Conservation.
- Remedial Investigation Report, Johnes Street Site, 7-11 Johnes Street, City of Newburgh, New York 12250, New York State Department of Environmental Conservation No. B00188, April 2016. First Environment, Inc., 91 Fulton Street, Boonton, New Jersey.
- Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. http://websoilsurvey.sc.egov.usda.gov/. Accessed [4/6/2022].

FIGURES

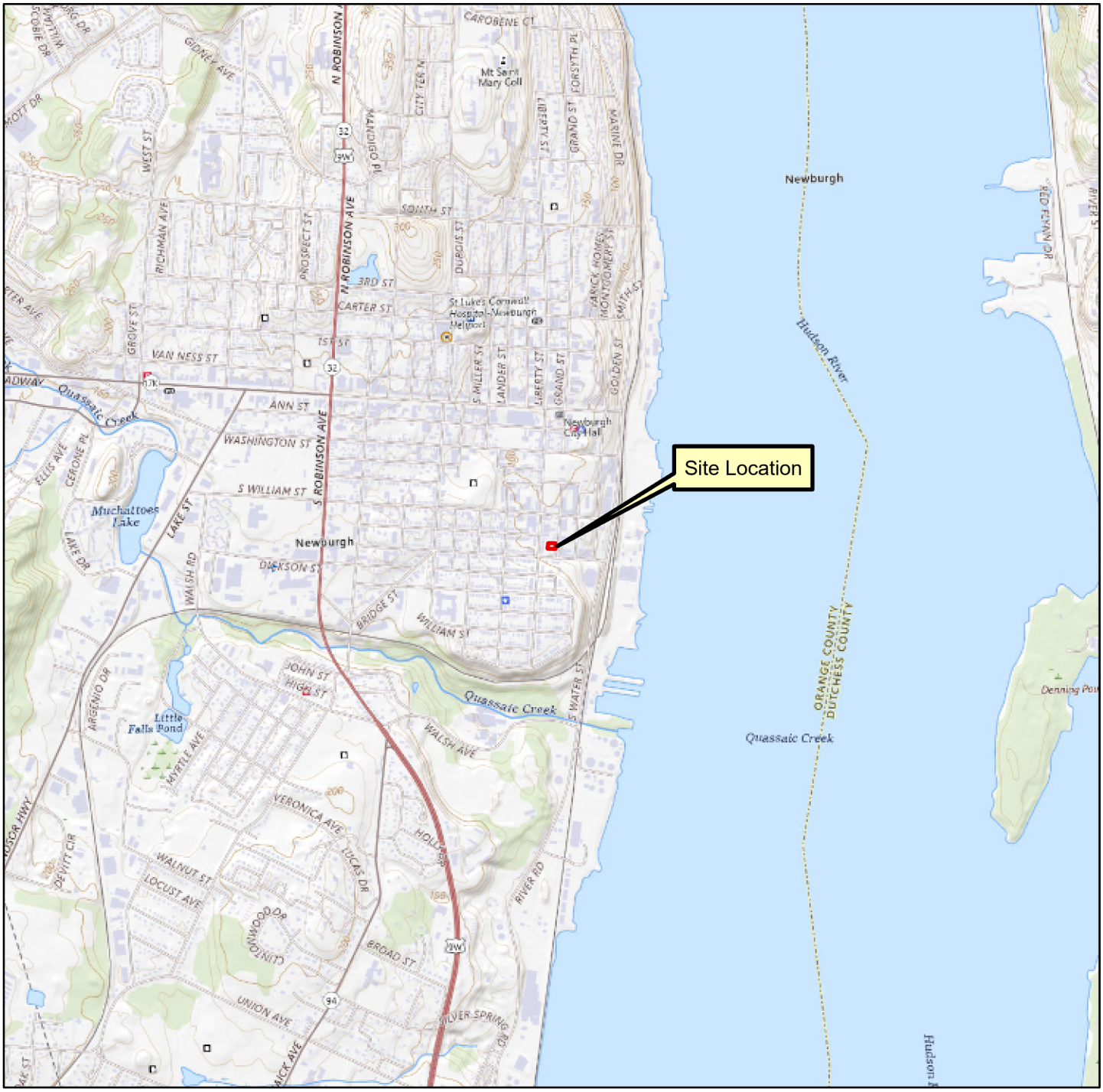

Figure 1
Site Location Map
7-11 Johnes Street
Newburgh, New York
HRP # NEW6312.RA
Scale 1" = 2,000'

USGS Quadrangle Information
Quad ID: 41074-D1
Name: Cornwall, New York

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Legend

- Site Boundary
- Former Building Footprint
- Extent of UST Excavation Area (1999)
- Groundwater Flow Direction (2016 RI)
- Soil Boring
- PDI Monitoring Well
- RI Monitoring Well (Decommissioned)
- RI Monitoring Well (Not Located)
- Petroleum Soil Staining Observed at the Groundwater Interface

Notes

NS = Not Sampled

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Site Plan

7-11 Johnes Street Site
Site # B00188
7-11 Johnes Street
Newburgh, New York

Figure No.

2

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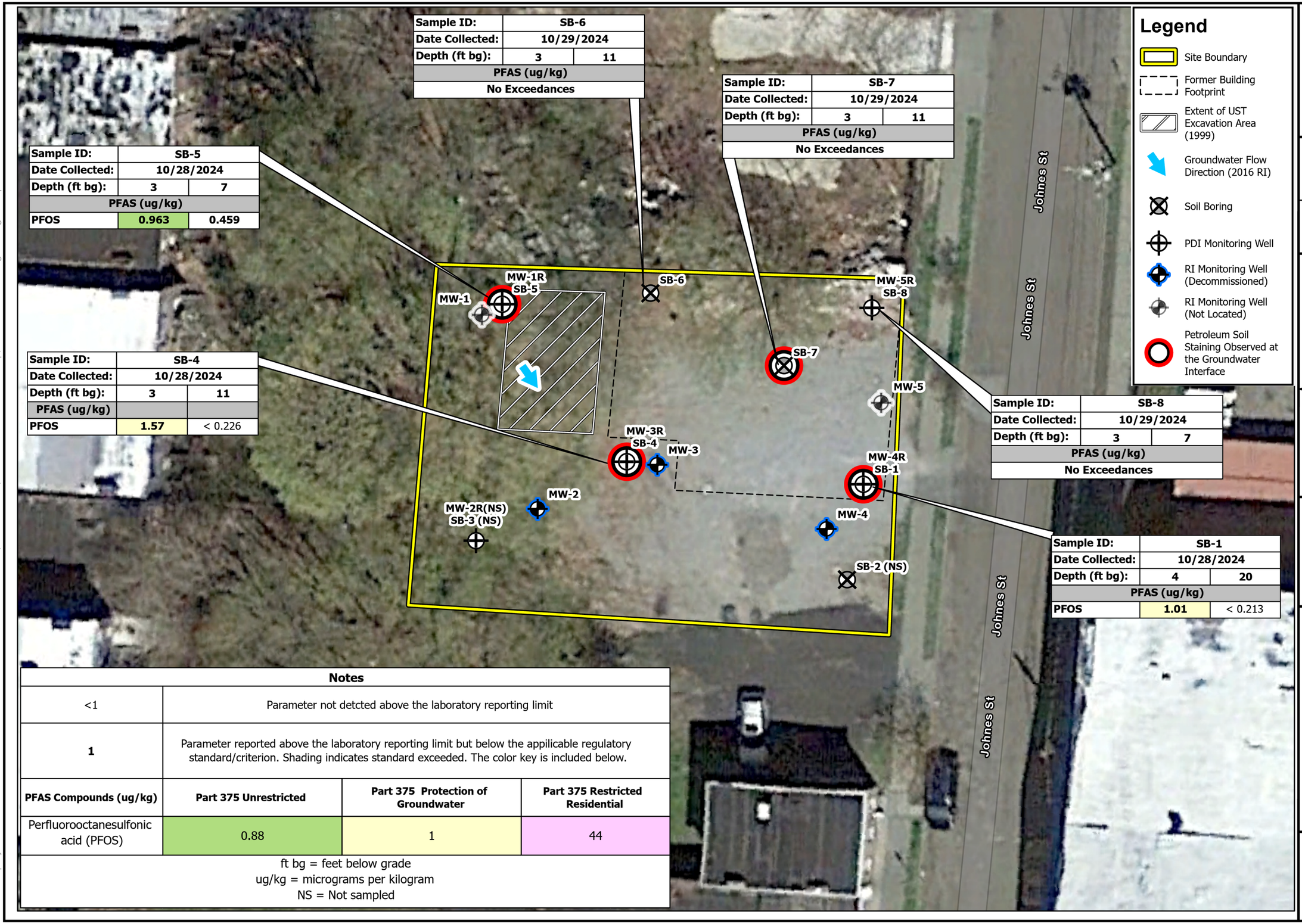

Sample ID:	SB-6	
Date Collected:	10/29/2024	
Depth (ft bg):	3	11
PFAS (ug/kg)		
No Exceedances		

Sample ID:	SB-7	
Date Collected:	10/29/2024	
Depth (ft bg):	3	11
PFAS (ug/kg)		
No Exceedances		

Sample ID:	SB-5	
Date Collected:	10/28/2024	
Depth (ft bg):	3	7
PFAS (ug/kg)		
PFOS	0.963	0.459

Sample ID:	SB-4	
Date Collected:	10/28/2024	
Depth (ft bg):	3	11
PFAS (ug/kg)		
PFOS	1.57	< 0.226

Sample ID:	SB-8	
Date Collected:	10/29/2024	
Depth (ft bg):	3	7
PFAS (ug/kg)		
No Exceedances		

Sample ID:	SB-1	
Date Collected:	10/28/2024	
Depth (ft bg):	4	20
PFAS (ug/kg)		
PFOS	1.01	< 0.213

Legend

- Site Boundary
- Former Building Footprint
- Extent of UST Excavation Area (1999)
- Groundwater Flow Direction (2016 RI)
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- RI Monitoring Well (Not Located)
- Petroleum Soil Staining Observed at the Groundwater Interface

Notes

<1	Parameter not detcted above the laboratory reporting limit
1	Parameter reported above the laboratory reporting limit but below the appilicable regulatory standard/criterion. Shading indicates standard exceeded. The color key is included below.

PFAS Compounds (ug/kg)	Part 375 Unrestricted	Part 375 Protection of Groundwater	Part 375 Restricted Residential
Perfluorooctanesulfonic acid (PFOS)	0.88	1	44

ft bg = feet below grade
ug/kg = micrograms per kilogram
NS = Not sampled

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PFAS Soil Exceedances

7-11 Johnes Street Site
Site # B00188
7-11 Johnes Street
Newburgh, New York

Figure No.
3

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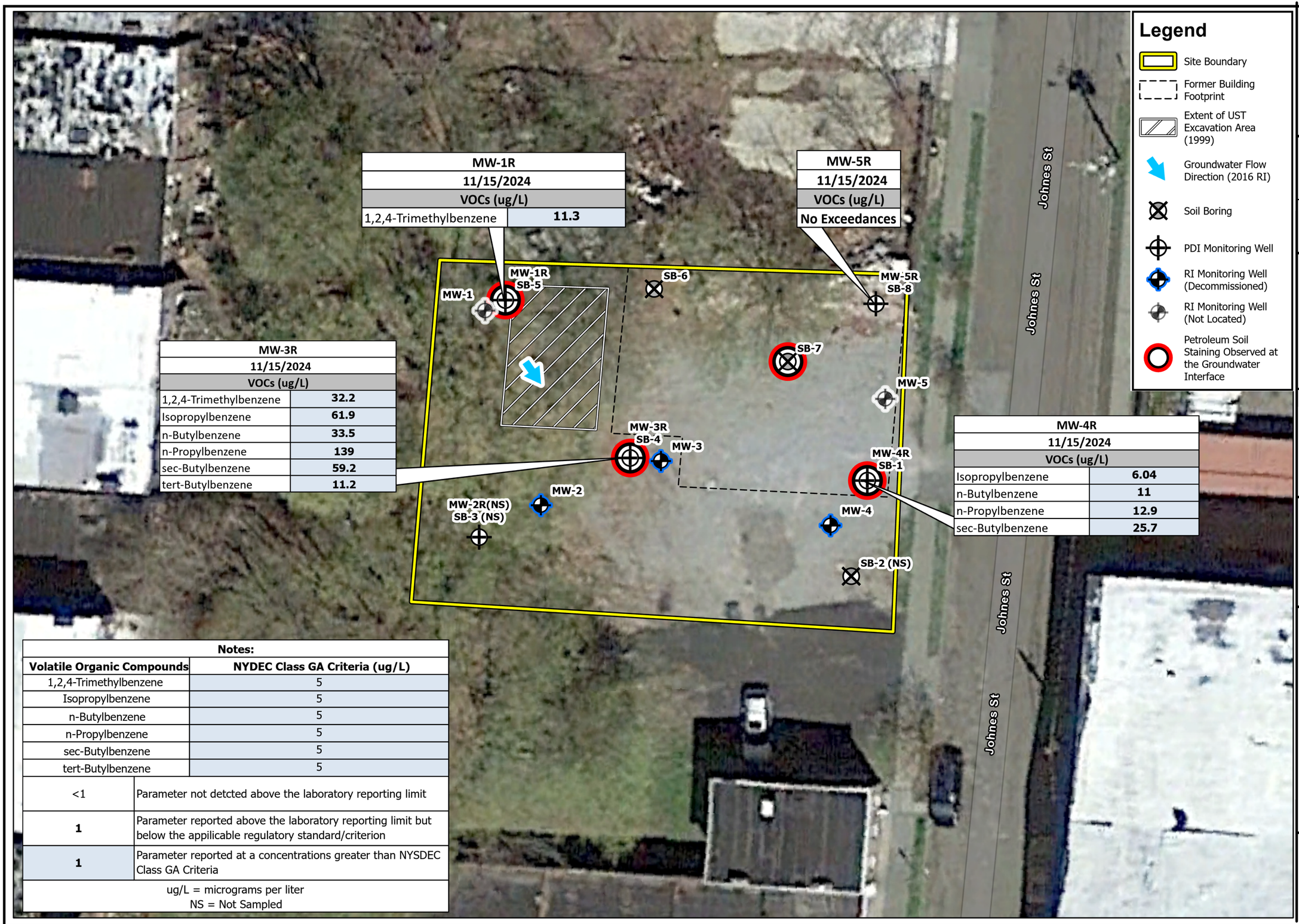

Legend

- Site Boundary
- Former Building Footprint
- Extent of UST Excavation Area (1999)
- Groundwater Flow Direction (2016 RI)
- Soil Boring
- PDI Monitoring Well
- RI Monitoring Well (Decommissioned)
- RI Monitoring Well (Not Located)
- Petroleum Soil Staining Observed at the Groundwater Interface

Notes:

Volatile Organic Compounds	NYDEC Class GA Criteria (ug/L)
1,2,4-Trimethylbenzene	5
Isopropylbenzene	5
n-Butylbenzene	5
n-Propylbenzene	5
sec-Butylbenzene	5
tert-Butylbenzene	5

<1	Parameter not detcted above the laboratory reporting limit
1	Parameter reported above the laboratory reporting limit but below the appilicable regulatory standard/criterion
1	Parameter reported at a concentrations greater than NYSDEC Class GA Criteria

ug/L = micrograms per liter
NS = Not Sampled

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VOC Groundwater Exceedances

7-11 Johnes Street Site
Site # B00188
7-11 Johnes Street
Newburgh, New York

Figure No.
4

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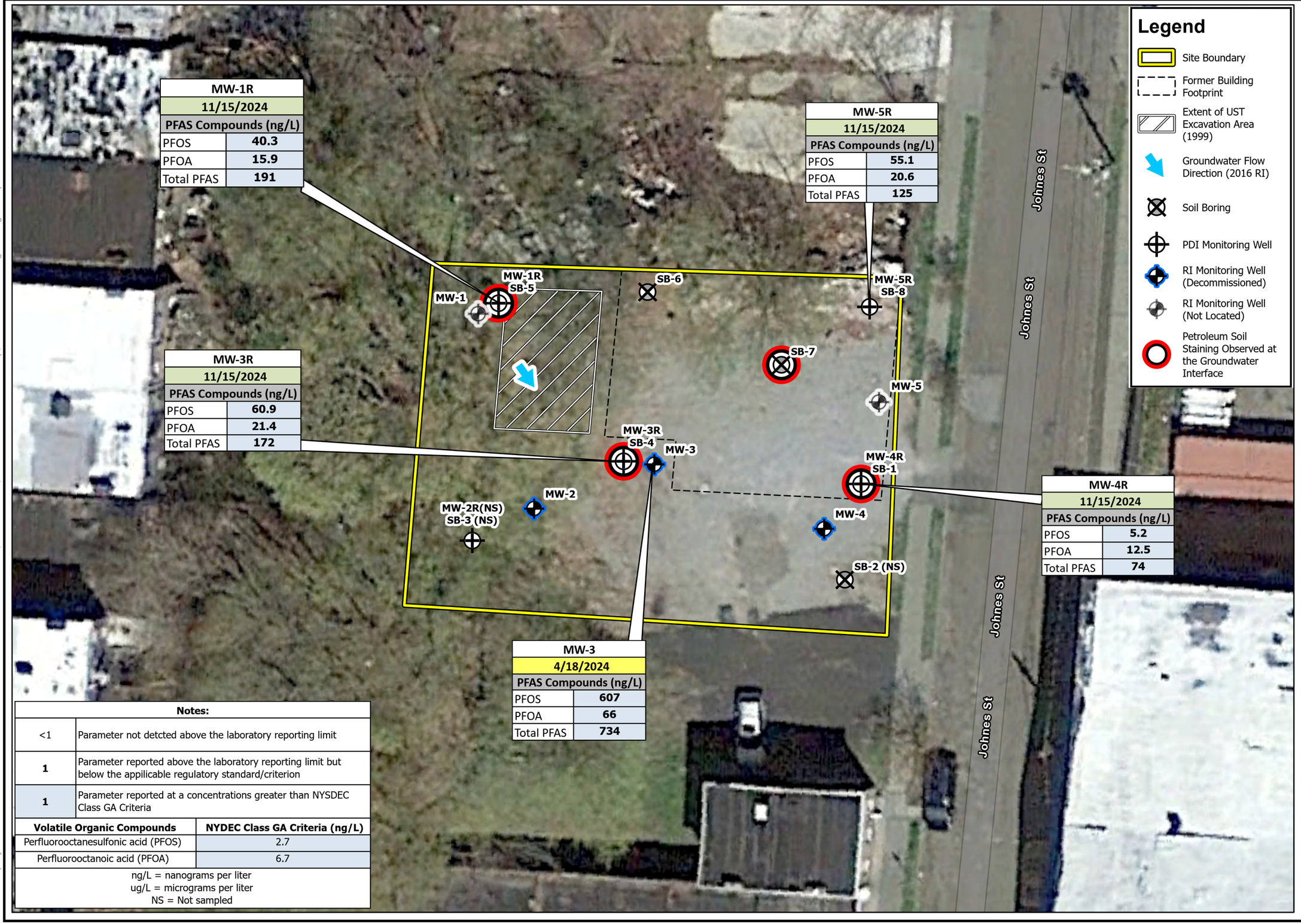

Legend

- Site Boundary
- Former Building Footprint
- Extent of UST Excavation Area (1999)
- Groundwater Flow Direction (2016 RI)
- Soil Boring
- PDI Monitoring Well
- RI Monitoring Well (Decommissioned)
- RI Monitoring Well (Not Located)
- Petroleum Soil Staining Observed at the Groundwater Interface

Notes:

<1	Parameter not detcted above the laboratory reporting limit
1	Parameter reported above the laboratory reporting limit but below the appilicable regulatory standard/criterion
1	Parameter reported at a concentrations greater than NYSDEC Class GA Criteria

Volatile Organic Compounds	NYDEC Class GA Criteria (ng/L)
Perfluorooctanesulfonic acid (PFOS)	2.7
Perfluorooctanoic acid (PFOA)	6.7

ng/L = nanograms per liter
ug/L = micrograms per liter
NS = Not sampled

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Reviewed By: PWM

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Project No: NEW6312.RA
Sheet Size: 11x17

PFAS Groundwater Exceedances

7-11 Johnes Street Site
Site # B00188
7-11 Johnes Street
Newburgh, New York

Figure No.

5

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TABLES

Table 1
Well Construction and Gauging Data
7-11 Johnes Street Site
ERP # B00188
7-11 Johnes Street, Newburgh, New York

Monitoring Well ID	Well Diameter (Inches)	Screen Setting (ft bg)	4/18/2024	11/15/2024
			Depth to Water (ft btoc)	
MW-1R	2	9-19	Wells Not Yet Installed	9.11
MW-2R	2	10-20		16.40
MW-3R	2	7-17		12.78
MW-4R	2	8-18		15.98
MW-5R	2	5-15		13.33
MW-1	2	5-15	NR	Wells Decommissioned
MW-2	2	2-17	Dry	
MW-3	2	4.5-14.5	12.78	
MW-4	2	5-15	Dry	
MW-5	2	7.5-17.5	NR	

Notes:
ft btoc = feet below top of casing
ft bg = feet below grade
NR = Not recorded. Well was not found, presumed to be destroyed.

Table 2
Soil Sampling Summary

7-11 Johnes Street Site
ERP Site #B00188
7-11 Johnes St, Newburgh, New York

Soil Boring ID	Soil Boring Depth	Paired Monitoring Well ID	Location	Sample Depth	Justification
SB-1	25 ft bg	MW-4R	Southeast Corner of Former Building Footprint	4 ft bg	Investigate potential source for PFAS in fill material beneath the building footprint.
				20 ft bg	Investigate potential PFAS soil contamination within saturated zone beneath building footprint.
SB-2	22.5 ft bg (refusal)	N/A	Southeast Corner of Site	N/A	Screen soils and determine well construction at proposed MW-4R location (not installed due to lack of groundwater). No soil samples collected.
SB-3	20 ft bg (refusal)	MW-2R	Southwest Corner of Site	N/A	Screen soils and determine well construction at MW-2R location. No soil samples collected.
SB-4	17 ft bg (refusal)	MW-3R	Center of Site	3 ft bg	Investigate potential source for PFAS in fill material at former MW-3 location (PFAS detected in groundwater in April 2024).
				11 ft bg	Investigate potential PFAS soil contamination at the groundwater interface at former MW-3 location (PFAS detected in groundwater in April 2024).
SB-5	19 ft bg (refusal)	MW-1R	Northwest Corner of Site	3 ft bg	Investigate potential source for PFAS in fill material upgradient of former MW-3 location (PFAS detected in groundwater in April 2024).
				7 ft bg	Investigate potential PFAS soil contamination at the groundwater interface upgradient of former MW-3 location (PFAS detected in groundwater in April 2024).
SB-6	15.5 ft bg (refusal)	N/A	Northwest Corner of Former Building Footprint	3 ft bg	Investigate potential source for PFAS in fill material beneath the building footprint.
				11 ft bg	Investigate potential PFAS soil contamination at the groundwater interface within building footprint.
SB-7	18.5 ft bg (refusal)	N/A	Center of Former Building Footprint	3 ft bg	Investigate potential source for PFAS in fill material beneath the building footprint.
				11 ft bg	Investigate potential PFAS soil contamination at the groundwater interface within building footprint.
SB-8	17 ft bg (refusal)	MW-5R	Northeast Corner of Former Building Footprint	3 ft bg	Investigate potential source for PFAS in fill material beneath the building footprint.
				7 ft bg	Investigate potential PFAS soil contamination at the groundwater interface within building footprint.

Notes:

All samples analyzed using EPA PFAS Method 1633

ft bg = feet below grade

PFAS = per- and polyfluoroalkyl substances

Table 3
Soil Laboratory Analytical Results (Detections Only)
PFAS
7-11 Johnes Street Site
ERP # B00188
7-11 Johnes Street, Newburgh, New York

Sample ID:	**Part 375 Unrestricted**	**Part 375 Protection of Groundwater**	**Part 375 Restricted Residential**	**SB-1**		**SB-4**		**SB-5**	
Depth (ft bg):				**4**	**20**	**3**	**11**	**3**	**7**
Date Collected:				10/28/2024		10/28/2024		10/28/2024	
Laboratory Sample ID:				24K0025-02	24K0025-01	24K0025-03	24K0025-04	24K0025-05	24K0025-06
Polyfluoroalkyl Substances (PFAS) Compounds (ug/kg)									
Perfluorohexanoic acid (PFHxA)	NP	NP	NP	< 0.0668	< 0.0676	< 0.0627	< 0.0718	< 0.0568	< 0.0596
Perfluorooctanesulfonic acid (PFOS)	0.88	1	44	**1.01**	< 0.213	**1.57**	< 0.226	**0.963**	**0.459**
Perfluorooctanoic acid (PFOA)	0.66	0.8	33	< 0.217	< 0.219	< 0.203	< 0.233	< 0.184	< 0.193

Sample ID:	**Part 375 Unrestricted**	**Part 375 Protection of Groundwater**	**Part 375 Restricted Residential**	**SB-6**		**SB-7**		**SB-8**	
Depth (ft bg):				**3**	**11**	**3**	**11**	**3**	**7**
Date Collected:				10/29/2024		10/29/2024		10/29/2024	
Laboratory Sample ID:				24K0025-07	24K0025-08	24K0025-09	24K0025-10	24K0025-11	24K0025-12
Polyfluoroalkyl Substances (PFAS) Compounds (ug/kg)									
Perfluorohexanoic acid (PFHxA)	NP	NP	NP	< 0.0598	< 0.0619	< 0.0598	< 0.0659	< 0.0584	**0.0734 J**
Perfluorooctanesulfonic acid (PFOS)	0.88	1	44	**0.427**	< 0.195	< 0.189	< 0.208	**0.687**	< 0.199
Perfluorooctanoic acid (PFOA)	0.66	0.8	33	< 0.194	< 0.201	< 0.194	< 0.214	< 0.190	**0.233 J**

Legend	
<1	Parameter not detcted above the laboratory reporting limit
1	Parameter reported above the laboratory reporting limit but below the appilicable regulatory standard/criterion
1	Parameter reported at a concentrations greater than Part 375 Unrestricted SCOs
1	Parameter reported at a concentrations greater than Part 375 Protection of Ground water SCOs
1	Parameter reported at a concentrations greater than Part 375 Restricted Residential SCOs

Notes:

ft bg = feet below grade

NP = not promulgated/ no applicable SCO

SCO = Soil Cleanup Objective

J = Compound detected below the Reporting Limit, therefore, the result is an estimated concentration

Table 4
Groundwater Laboratory Analytical Results (Detections Only)
VOCs, SVOCs and Metals
7-11 Johnes Street Site
ERP # B00188
7-11 Johnes Street, Newburgh, New York

Sample ID:	NYSDEC Class GA Criteria	**MW-1R**	**MW-3R**	**MW-4R**	**MW-5R**
Date Collected:		11/15/2024	11/15/2024	11/15/2024	11/15/2024
Lab Report Number:		24K1288	24K1288	24K1288	24K1288
Volatile Organic Compounds (VOCs) (ug/l)					
1,2,4-Trimethylbenzene	5	**11.3**	**32.2**	**1.57**	< 0.500
1,2-Dichlorobenzene	3	< 0.500	**0.520**	< 0.500	< 0.500
1,3,5-Trimethylbenzene	5	**0.840**	**1.37**	< 0.500	< 0.500
Acetone	50	**1.39 J**	**1.92 J**	**1.65 J**	< 2.00
Acrolein	NP	**0.760 B**	**1.10 B**	**1.06 B**	**1.20 B**
cis-1,2-Dichloroethene	5	< 0.500	**0.690**	< 0.500	< 0.500
Ethylbenzene	5	< 0.500	**1.26**	< 0.500	< 0.500
Isopropylbenzene	5	**1.97**	**61.9**	**6.04**	< 0.500
Methylcyclohexane	NP	< 0.500	**1.66**	< 0.500	< 0.500
n-Butylbenzene	5	**1.32**	**33.5**	**11.0**	< 0.500
n-Propylbenzene	5	**2.00**	**139**	**12.9**	< 0.500
sec-Butylbenzene	5	**3.01**	**59.2**	**25.7**	< 0.500
tert-Butylbenzene	5	**0.710**	**11.2**	**4.66**	< 0.500
Semi-Volatile Organic Compounds (VOCs) (ug/l)					
Acenaphthene	20	**0.900**	< 0.0500	< 0.0500	< 0.0500
Acenaphthylene	NP	**0.220**	< 0.0500	< 0.0500	< 0.0500
Anthracene	50	**0.450**	< 0.0500	< 0.0500	< 0.0500
Fluoranthene	50	**0.530**	< 0.0500	< 0.0500	< 0.0500
Fluorene	50	**1.11**	< 0.0500	< 0.0500	< 0.0500
Naphthalene	10	**2.00**	**0.940**	**0.250**	< 0.0500
Phenanthrene	50	**1.93**	< 0.0500	< 0.0500	< 0.0500
Pyrene	50	**0.430**	< 0.0500	< 0.0500	< 0.0500
Metals (ug/l)					
Arsenic	25	**1.27**	**4.02**	**1.63**	< 1.11
Barium	1000	**91.8**	**199**	**246**	**74.7**
Lead	25	< 1.11	**1.26**	< 1.11	< 1.11
Selenium	10	**1.23**	< 1.11	**7.77**	**4.77**

Legend	
<1	Parameter not detcted above the laboratory reporting limit
1	Parameter reported above the laboratory reporting limit but below the appilicable regulatory standard/criterion
1	Parameter reported at a concentrations greater than NYSDEC Class GA Criteria

Notes:
ug/l = micrograms per liter
NP = not promulgated/ no applicable SCO
J = Compound detected below the Reporting Limit, therefore, the result is an estimated concentration
B = Analyte is found in the associated analysis batch blank.

Table 5
Groundwater Exceedance Summary
VOCs
7-11 Johnes Street Site
ERP Site #B00188
7-11 Johnes St, Newburgh, New York

Investigation and Date of Data		RI (2013-2015)		PDI (2024)	
VOC	**NYDEC Class GA Criteria (ug/L)**	**Locations Exceeding Class GA Criteria**	**Concentration Range (ug/L)**	**Locations Exceeding Class GA Criteria**	**Concentration Range (ug/L)**
1,2,4-Trimethylbenzene	5	MW-3	190-550	MW-1R, MW-3R	11.3-32.2
Isopropylbenzene	5	MW-3	8.0-29	MW-3R, MW-4R	6.04-61.9
n-Butylbenzene	5	NE	NE	MW-3R, MW-4R	11-33.5
n-Propylbenzene	5	MW-3	57	MW-3R, MW-4R	12.9-139
sec-Butylbenzene	5	NE	NE	MW-3R, MW-4R	25.7-59.2
tert-Butylbenzene	5	NE	NE	MW-3R	11.2
Metal	**NYDEC Class GA Criteria (ug/L)**	**Locations Exceeding Class GA Criteria**	**Concentration Range (ug/L)**	**Locations Exceeding Class GA Criteria**	**Concentration Range (ug/L)**
Lead	50	MW-1, MW-5	50.3-386	NE	NE
Mercury	0.7	MW-1	1.9	NE	NE

Notes:
ug/L = micrograms per liter
VOCs = Volatile Organic Compound
NE = No Exceedances Found
RI = Remedial Investigation
PDI = Pre-Designed Investigation

Table 6
Groundwater Laboratory Analytical Results (Detections Only)
PFAS, 1,4-Dioxane
7-11 Johnes Street Site
ERP # B00188
7-11 Johnes Street, Newburgh, New York

Sample ID:	NYSDEC Class GA Criteria	**MW-1R**	**MW-3**	**MW-3R**	**MW-4R**	**MW-5R**
Date Collected:		11/15/2024	04/18/2024	11/15/2024	11/15/2024	11/15/2024
Lab Report Number:		24K1288	24D1534	24K1288	24K1288	24K1288
Per- and Polyfluoroalkyl Substances (ng/l)						
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NP	< 1.84	< 20	**1.59 J**	< 1.83	< 1.85
Perfluoro-1-octanesulfonamide (FOSA)	NP	< 1.84	< 20	< 2.01	< 1.83	< 1.85
Perfluorobutanesulfonic acid (PFBS)	NP	**9.12**	**5.43 J**	**9.52**	**5.22**	**4.9**
Perfluorobutanoic acid (PFBA)	NP	**12.9**	< 80.0	**11.1**	**15.6**	< 7.38
Perfluoroheptanesulfonic acid (PFHpS)	NP	**1.12 J**	< 19.1	**1.25 J**	< 1.75	**1.13 J**
Perfluoroheptanoic acid (PFHpA)	NP	**9.92**	< 20.0	**8.97**	**4.28**	**6.96**
Perfluorohexanesulfonic acid (PFHxS)	NP	**22.7**	**11.7 J**	**17.1**	**5.74**	**9.84**
Perfluorohexanoic acid (PFHxA)	NP	**21.8**	**12.1 J**	**14.6**	**10.3**	**11.8**
Perfluorononanoic acid (PFNA)	NP	**2.21**	**14.3 J**	**1.78 J**	**0.593 J**	**2.55**
Perfluorooctanesulfonic acid (PFOS)	2.7	**40.3**	**607**	**60.9**	**5.2**	**55.1**
Perfluorooctanoic acid (PFOA)	6.7	**15.9**	**66**	**21.4**	**12.5**	**20.6**
Perfluoropentane sulfonate (PFPeS)	NP	**3.42**	< 18.8	**2.64**	**1.21 J**	**1.54 J**
Perfluoropentanoic acid (PFPeA)	NP	**28.8**	**9.60 J**	**21**	**13.7**	**10.8**
Perfluorotridecanoic acid (PFTrDA)	NP	< 1.84	**7.59 J**	< 2.01	< 1.83	< 1.85
Total PFAS Compounds	NP	**168.19**	**733.72**	**171.85**	**74.34**	**125.22**
Semi-Volatile Organic Compounds (SVOCs) (ug/l)						
1,4 Dioxane	NP	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Legend	
<1	Parameter not detcted above the laboratory reporting limit
1	Parameter reported above the laboratory reporting limit but below the appilicable regulatory standard/criterion
1	Parameter reported at a concentrations greater than NYSDEC Class GA Criteria

Notes:
ng/l = nanograms per liter
ug/l = micrograms per liter
NP = not promulgated/ no applicable cleanup criteria
J = Compound detected below the Reporting Limit, therefore, the result is an estimated concentration

Table 7
Groundwater Exceedance Summary
PFAS
7-11 Johnes St
ERP Site #B00188
7-11 Johnes St, Newburgh, NY

Date of Sample Collection		PDI 4/18/2024		PDI 11/15/2024	
VOC	NYDEC Class GA Criteria (ug/L)	Locations Exceeding Class GA Criteria	Concentration Range (ng/L)	Locations Exceeding Class GA Criteria	Concentration Range (ug/L)
Perfluorooctanesulfonic acid (PFOS)	2.7	MW-3	607	MW-1R, MW-3R, MW-4R, MW-5R	5.2-60.9
Perfluorooctanoic acid (PFOA)	6.7	MW-3	66	MW-1R, MW-3R, MW-4R, MW-5R	12.5-21.4

Notes:
ng/L = nanograms per liter
PFAS = per- and polyfluoroalkyl substances
PDI = Pre-Designed Investigation

APPENDIX A
Soil Boring Logs

MOVE YOUR ENVIRONMENT FORWARD

Project: 7-11 Johnes Street Site	**Boring I.D.:** PDI-SB-1
Address: 7-11 Johnes Street, Newburgh, New York 12550	
Job Number: NEW6312.RA	**Date:** 10/28/24
Drilling Company: Core Down Drilling, LLC.	**Time:** 08:55
Location: East-central edge of site, MW-4R	

Sample Interval (ft bg)		Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
Top	Bottom				
0	5	1.0	Dry	(0-3.5') SAND (fine-medium), rock fragments, concrete fragments, brown	0.0
			Moist	(3.5-5') SILT, rock fragments, coal fragments, coal ash, gravel (medium, subrounded – subangular), highly compacted, brown	0.0
5	10	3.5	Moist	(5-10') SILT, some sand (fine), gravel (medium, subrounded – subangular), highly compacted, brown	0.0
10	15	1.0	Wet	(10-14') SILT, some sand (fine), gravel (medium, subrounded – subangular), compaction, brown	0.0
			Wet	(14-15') CLAY, slight odor, gravel (subrounded-subangular), grey staining, brown-grey	0.0
15	20	5.0	Moist	(15-17') SILT, some clay, slight compaction, gravel (subrounded–subangular), rock fragments, odor, grey-brown	543.2
			Dry	(17-20') CLAY, gravel (subrounded-subangular), rock fragments, highly compacted, grey staining, odor, grey	143.7
20	25	5	Wet	(20-25') CLAY, subrounded-subangular gravel, grey staining, odor, grey	494.8

End of Exploration @ 25 ft bg

Soil Samples Collected:	Time:
PDI-SB-1 (4ft bg)	10:00
PDI-SB-1 (20 ft bg)	10:30

MOVE YOUR ENVIRONMENT FORWARD

Project: 7-11 Johnes Street Site	**Boring I.D.:** PDI-SB-2
Address: 7-11 Johnes Street, Newburgh, New York 12550	
Job Number: NEW6312.RA	**Date:** 10/28/24
Drilling Company: Core Down Drilling, LLC.	**Time:** 10:45
Location: Southeast Corner of Site	

Sample Interval (ft bg)		**Recovery (ft)**	**Moisture**	**Description (grain size, color, compaction, staining, odor)**	**PID (PPM)**
Top	**Bottom**				
0	5	2.5	Dry	(0-2.5') SAND (fine-medium), rock fragments, coal, coal ash, brown	N/A
			Dry	(2.5-4.5') CLAY, gravel (subrounded-subangular), brown	
			Dry	(4.5-5') SAND, organics, coal, coal ash, gravel, dark brown	
5	10	2.0	Dry	(5-5.5') SAND, organics, coal, coal ash, gravel, dark brown	
			Dry	(5.5-10') SILT, some clay, gravel, rock fragments, brown	
			Dry	(10-15') SILT, some clay, gravel, rock fragments, brown	
15	20	3.5	Moist	(15-17') SILT, brown	
			Dry	(17-20') SILT AND CLAY, gravel (subrounded – subangular), highly compacted, grey	
20	22.5	2.5	Dry	(20-22.5') SILT AND CLAY, gravel (medium, subangular – subrounded), rock fragments, grey	
REFUSAL @ 22.5 ft bg					

Soil Samples Collected:	**Time:**
None	N/A

PID Malfunctioned, no readings taken

MOVE YOUR ENVIRONMENT FORWARD

Project: 7-11 Johnes Street Site	**Boring I.D.:** PDI-SB-3
Address: 7-11 Johnes Street, Newburgh, New York 12550	
Job Number: NEW6312.RA	**Date:** 10/28/24
Drilling Company: Core Down Drilling, LLC.	**Time:** 11:35
Location: SW corner of site, MW-2R	

Sample Interval (ft bg)		Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
Top	Bottom				
0	5	1.5	Dry	(0-2.5') SAND (medium), some silt, coal ash, coal, gravel (small-medium), brick, cinder, brown	N/A
			Dry	(2.5-5') SAND AND SILT, rock fragments, brick, coal, coal ash, gravel (large), brown	
5	10	2.0	Dry	(5-6') SAND (fine-medium) AND SILT, coal, coal ash, brown	
			Moist	(6-8.5') SILT with SAND fine), gravel (medium, subrounded – subangular), Brown	
			Dry	(8.5-10') SILT AND CLAY, with rock fragments (large), gravel, brown/grey	
10	15	4.5	Dry	(10-11') SILT AND CLAY with rock fragments (large), gravel, brown/grey	
			Dry	(11-15') CLAY, gravel (small-large, subrounded–subangular), rock fragments, grey	
15	20	4.0	Dry	(15-18') CLAY, gravel (small-large, subrounded – subangular), rock fragments, grey	
			Wet/Moist	(18-18.5') SILT, grey	
			Dry	(18.5-20') CLAY, gravel (small-large), grey	

REFUSAL @ 20 ft bg

Soil Samples Collected:	**Time:**
None	N/A

PID Lamp malfunction, no PID readings taken until replacement arrives.

MOVE YOUR ENVIRONMENT FORWARD

Project: 7-11 Johnes Street Site	**Boring I.D.:** PDI-SB-4
Address: 7-11 Johnes Street, Newburgh, New York 12550	
Job Number: NEW6312.RA	**Date:** 10/28/24
Drilling Company: Core Down Drilling, LLC.	**Time:**12:00
Location: Center of site, MW-3R	

Sample Interval (ft bg)		Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
Top	Bottom				
0	5	3.0	Dry	(0-1.5') SAND (fine-medium), gravel (small-large, subrounded-subangular), construction and demolition debris, brick, coal ash, brown	N/A
			Dry	(1.5-3') SAND (fine-medium), construction and demolition debris, concrete, coal, brown	
			Dry	(3-4.5') COAL, coal ash, black	
			Dry	(4.5-5') SILT AND SAND (fine-medium), coal ash, coal, brown	
5	10	2.5	Dry	(5-6') SILT AND SAND (fine-medium), coal ash, coal, brown	
			Moist	(6-9') SILT AND CLAY, highly compacted, gravel (small-medium), brown	
			Moist	(9-10') SILT AND CLAY, highly compacted, little gravel (small-medium), trace pockets of coal and coal ash, brown	
			Moist	(10-11') SILT AND CLAY, brown	
10	15	2.5	Wet	(11-11.5') SILT AND SAND (fine), stained black, odor, brown	
			Wet	(11.5-15') CLAY, grey staining, odor, gravel (small-medium, subangular-subrounded), grey/brown	
15	17	1.0	Dry	(15-17') CLAY, grey/brown, with gravel (small-medium)	
Refusal @ 17'					

Soil Samples Collected:	**Time:**
PDI-SB-4 (3 ft bg)	12:20
PDI-SB-4 (11 ft bg)	12:30

PID Lamp malfunction, no PID readings taken until replacement arrives.

MOVE YOUR ENVIRONMENT FORWARD

Project: 7-11 Johnes Street Site	**Boring I.D.:** PDI-SB-5
Address: 7-11 Johnes Street, Newburgh, New York 12550	
Job Number: NEW6312.RA	**Date:** 10/28/24
Drilling Company: Core Down Drilling, LLC.	**Time:** 13:00
Location: Northwest corner of site, MW-1R	

Sample Interval (ft bg)		Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
Top	Bottom				
0	5	2.5	Dry	(0-2.0') SAND (fine-medium) little concrete, stone fragments, light brown	N/A
			Dry	(2-5') SILT AND SAND, some construction and demolition debris, moist in shoe at 5', brown	
5	10	5.0	Wet	(5-8') SILT AND SAND (fine-medium), gravel (small, subrounded), dark brown	
			Wet	(8-10') SILT AND SAND (fine-medium), subrounded gravel (small), dark brown	
10	15	5.0	Wet	(10-13') SAND (fine-medium) AND SILT, little gravel (small, subrounded), Dark brown	
			Wet	(13-13.5') SAND (fine-medium), seam of stained material, strong odor, few silt, few clay, grey	
			Dry	(13.5-15') CLAY, gravel (small-large, subangular-subrounded), grey	
15	19	4.0	Dry	(15-19') CLAY, gravel (small-large, subangular-subrounded), Grey	

Refusal @ 19 ft bg

Soil Samples Collected:	**Time:**
PDI-SB-5 (3 ft bg)	13:20
PDI-SB-5 (7ft bg)	13:30

PID Lamp malfunction, no PID readings taken until replacement arrives.

MOVE YOUR ENVIRONMENT FORWARD

Project: 7-11 Johnes Street Site	**Boring I.D.:** PDI-SB-6
Address: 7-11 Johnes Street, Newburgh, New York 12550	
Job Number: NEW6312.RA	**Date:** 10/29/24
Drilling Company: Core Down Drilling, LLC.	**Time:** 11:45
Location: North-Central edge of site	

Sample Interval (ft bg)		Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
Top	Bottom				
0	5	2.5	Dry	(0-0.5') CRUSHED STONE AND SAND	0.0
			Dry	(0.5-1.0') COAL, coal ash	0.0
			Dry	(1-5') SILT AND SAND (fine-medium) gravel (small, subrounded to subangular), stone fragments (large), brown	0.0
5	10	1	Dry	(5-10') SILT AND SAND (fine-medium), gravel (small, subrounded–subangular), stone fragments (large), brown	0.0
10	15	5	Dry	(10-11') SILT AND SAND (fine-medium), brown, gravel (small, subrounded–subangular), stone fragments (large), brown	0.0
			Moist	(11-12') SILT AND SAND (fine-medium), gravel (small, subrounded – subangular), stone fragments (large), brown	0.0
			Dry	(12-14') SILT AND CLAY, gravel (small-large, subrounded – subangular), light brown	0.0
			Dry	(14-15') SILT AND CLAY, gravel (small-large, subrounded – subangular gravel), grey	0.0
15	15.5	0.5	Dry	(15-15.5') SILT AND CLAY (small-large, subrounded – subangular gravel), grey	0.0
REFUSAL @ 15.5 ft bg					

Soil Samples Collected:	**Time:**
PDI-SB-6 (3ft bg)	12:10
PDI-SB-6 (11 ft bg)	12:30

MOVE YOUR ENVIRONMENT FORWARD

Project: 7-11 Johnes Street Site	**Boring I.D.:** PDI-SB-7
Address: 7-11 Johnes Street, Newburgh, New York 12550	
Job Number: NEW6312.RA	**Date:** 10/29/24
Drilling Company: Core Down Drilling, LLC.	**Time:** 12:40
Location: Center of Northeast Quadrant of the site	

Sample Interval (ft bg)		Recovery (ft)	Moisture	Description (grain size, color, compaction, staining, odor)	PID (PPM)
Top	Bottom				
0	5	2.5	Dry	(0-0.5") CRUSHED STONE	0.0
			Dry	(0.5"-1.0') COAL ASH, silt, sand (fine – medium) gravel (small-large, subrounded-subangular), light brown – light grey	0.0
			Dry	(1.0-1.5') SAND (fine-medium) few brick, cinder, coal, coal ash, subrounded-subangular gravel, dark brown	0.0
			Dry	(1.5-5') SILT, trace sand (fine – medium), gravel (Subrounded-subangular), coal fragments, coal ash, brown	0.0
5	10	5.0	Moist	(5-8') SILT AND CLAY, brown	0.0
			Moist	(8-10') SILT AND CLAY (small-large), gravel (small-large, subrounded-subangular), dark brown	0.0
10	15	5.0	Moist	(10-11') SILT AND CLAY (small-large), gravel (small-large, subrounded-subangular), dark brown	0.0
			Wet	(11-13.5') SILT, subrounded-subangular gravel, odor, minor grey staining, trace clay, brown	619.0
			Dry	(13.5-15') SILT AND CLAY, gravel, brown	0.0
15	18.5	1.5	Dry	SILT AND CLAY, gravel, brown	0.0
REFUSAL at 18.5 ft bg					

Soil Samples Collected:	**Time:**
PDI-SB-7 (3ft bg)	13:00 ***
PDI-SB-7(11 ft bg)	13:15

***PDI-SB-7 collected from 1-3 ft bg and beneath the crushed stone surface.

MOVE YOUR ENVIRONMENT FORWARD

Project: 7-11 Johnes Street Site	**Boring I.D.:**PDI-SB-8
Address: 7-11 Johnes Street, Newburgh, New York 12550	
Job Number: NEW6312.RA	**Date:** 10/29/24
Drilling Company: Core Down Drilling, LLC.	**Time:** 13:30
Location: Northeast corner of site, MW-5R	

Sample Interval (ft bg)		**Recovery (ft)**	**Moisture**	**Description (grain size, color, compaction, staining, odor)**	**PID (PPM)**
Top	**Bottom**				
0	5	2.5	Dry	(0-1') SILT AND SAND, crushed stone, coal ash, grey-brown	0.0
			Dry	(1-4') SILT AND SAND (fine), coal fragments, coal ash, gravel (small, subrounded-subangular), brown	0.0
			Dry	(4-5') SILT AND CLAY (sub-rounded – subangular gravel (small), brown	0.0
5	10	5	Dry	(5-7') SILT, brown, little gravel (medium, subrounded - subangular),	0.0
			Wet	(7-10') SILT, fine sand, trace, brown	0.0
10	15	5	Wet	(10-10.5') SILT, trace sand (fine), brown	0.0
			Wet	(10.5-13.5') SILT, little organics, little gravel (medium, subrounded-subangular), dark brown	0.0
			Moist	(13.5-14.5') SILT AND CLAY, gravel (small-large, subrounded – subangular), orange-brown	0.0
			Dry	(14.5-15') CLAY, gravel (small-medium), brown	0.0
15	17	2.0	Dry	(15-17') CLAY, gravel (small-large, subrounded – subangular), grey-brown	0.0

REFUSAL @ 17 ft bg

Soil Samples Collected:	**Time:**
PDI-SB-8 (3ft bg)	13:45
PDI-SB-8(7 ft bg)	13:55

APPENDIX B
Site Survey

NOTES:

1. SURVEY SHOWN WAS PREPARED FROM A MARCH 2024 FIELD SURVEY.
2. SURVEY SHOWN WAS PREPARED WITHOUT THE BENEFIT OF AN UP TO DATE ABSTRACT OF TITLE OR TITLE REPORT AND IS SUBJECT TO ANY STATEMENTS OF FACT THAT SUCH AN ABSTRACT OF TITLE OR TITLE REPORT MAY REVEAL.
3. SURVEY SHOWN IS SUBJECT TO ANY SUBSURFACE CONDITIONS THAT MAY EXIST, IF ANY.
4. UNAUTHORIZED ALTERATIONS OR ADDITIONS 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 LAW.
5. ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S EMBOSSED SEAL, AND SIGNATURE IN RED, SHALL BE CONSIDERED TO BE TRUE AND VALID COPIES.
6. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS.
7. DECLARATION IS MADE TO ORIGINAL PURCHASER OF THE SURVEY. IT IS NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
8. THIS PLAT REPRESENTS A BOUNDARY SURVEY OF THE PARCEL DESCRIBED IN ORANGE COUNTY DEED RECORDS AT BOOK 4772, PAGE 209.
9. BASIS OF BEARING IS MAP REFERENCE NO. 1.
10. ELEVATIONS SHOWN HEREON ARE BASED ON AN NAVD88 DATUM (GPS DERIVED).

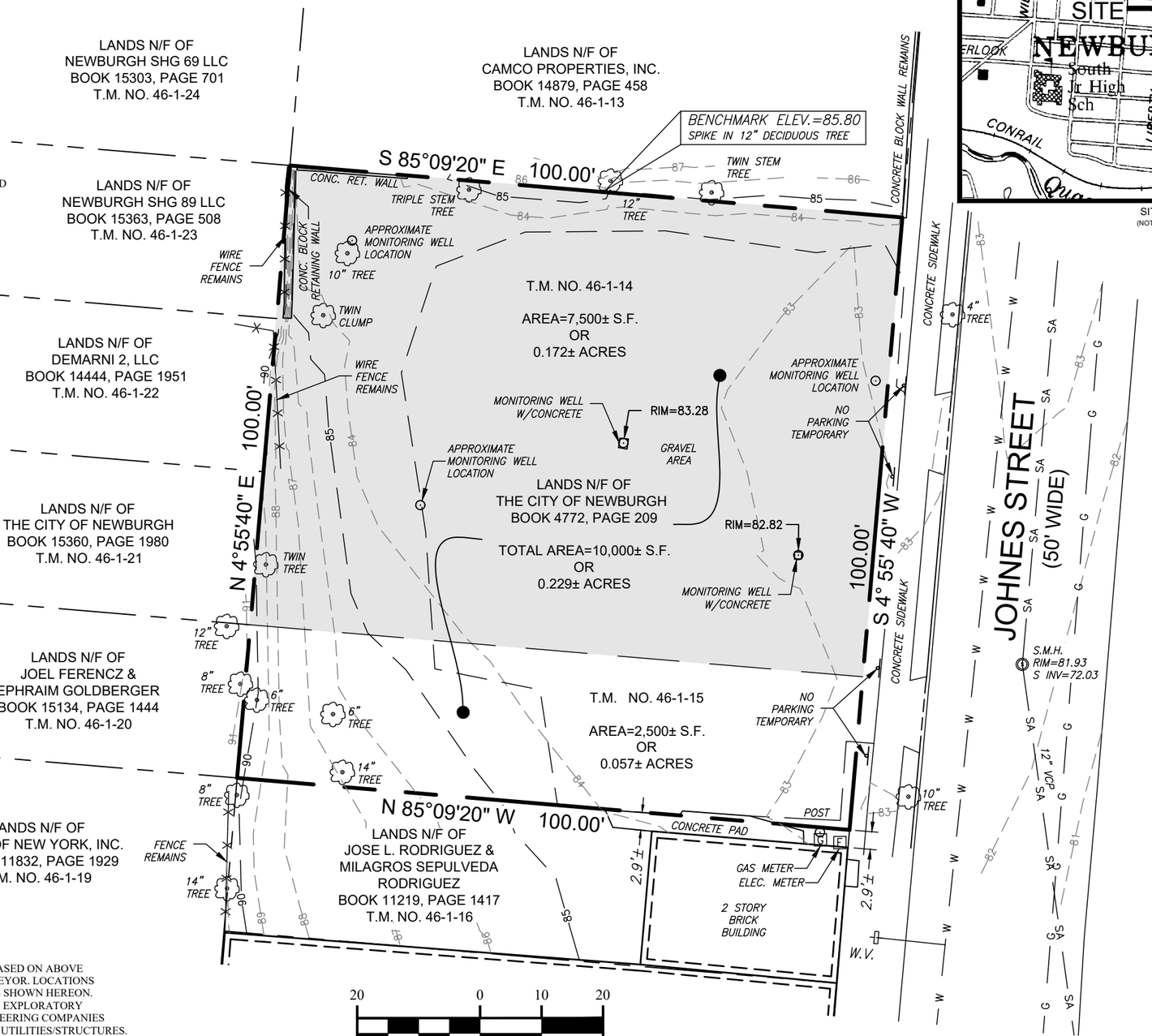
MAP REFERENCE:

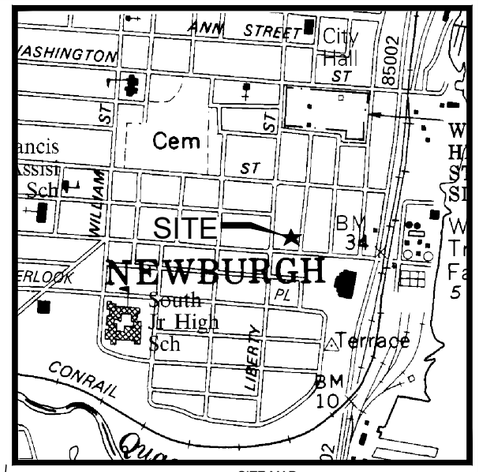
1. MAP ENTITLED "7-11 JOHNES STREET NEWBURGH, NY 12550", PREPARED BY EWELL W. FINLEY P.C. CONSULTING ENGINEERS & LAND SURVEYORS, DATED APRIL 27, 2016.
2. MAP ENTITLED "JOHNES STREET PROJECT 7-11 JOHNES STREET, NEWBURGH, NEW YORK, GROUNDWATER ELEVATION CONTOURS- JULY 10, 2013", PREPARED BY FIRST ENVIRONMENT ON FEB. 29, 2012, LAST REVISED ON OCT. 15, 2015.

ENVIRONMENTAL NOTE:

1. THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW. THE ENGINEERING AND INSTITUTIONAL CONTROL FOR THIS EASEMENT 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 NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT "DERWEB@DEC.NY.GOV." (MAP REFERENCE NO. 1)

DENOTES ENVIRONMENTAL EASEMENT CONTAINED IN INSTRUMENT NO. 20160066331.





SITE MAP
(NOT TO SCALE)

UTILITIES NOTE:

1. THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVE GROUND STRUCTURES AND RECORD DRAWINGS PROVIDED TO THE SURVEYOR. LOCATIONS OF UNDERGROUND UTILITIES/STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. NO EXPLORATORY EXCAVATIONS WERE MADE AND NO USE OF SUBSURFACE UTILITY ENGINEERING COMPANIES WERE USED DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. INTERESTED PARTIES SHOULD INVESTIGATE THE EXISTENCE OF UTILITIES, IF ANY, AND VERIFY. NO LIABILITY IS ASSUMED BY THE UNDERSIGNED FOR ANY LOSS THAT MAY BE ASSOCIATED WITH THE EXISTENCE OF BURIED UTILITIES OR BURIED PIPELINES ON THE PREMISES.

MAP OF SURVEY
LANDS OF
THE CITY OF NEWBURGH
CITY OF NEWBURGH
COUNTY OF ORANGE
STATE OF NEW YORK

CREIGHTON MANNING ENGINEERING, LLP
ENGINEERS, CIVIL & LAND SURVEYORS
P: (518) 446-0396 F: (518) 446-0397 WWW.CMEELLP.COM

PREPARED FOR:
HRP ASSOCIATES, INC.
197 SCOTT SWAMP ROAD
FARMINGTON, CT 06032

NO.	REVISION	DATE	BY

DRAWN:	J.D.L.
CHECKED:	D.G.S.
PROJ. NO.:	124-081
SCALE:	1"=20'
DATE:	MARCH 13, 2024
FILE:	johnes site.dwg

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CREIGHTON MANNING
ENGINEERING, LLP

ENGINEERS, PLANNERS & SURVEYORS

DONALD G. SOVEY, P.L.S.

STATE OF NEW YORK
DONALD G. SOVEY
050078
LICENSED LAND SURVEYOR

LIC. NO. 050078

APPENDIX C
GPR Survey

GREENSTAR
Environmental Solutions, LLC

Greenstar Environmental Solutions, LLC
6 Gellatly Drive
Wappingers Falls, NY 12590

October 25, 2024

Patrick Montuori, P.G.
Project Manager
HRP Associates, Inc.
1 Fairchild Square, Suite 110,
Clifton Park, NY 12065

RE: Geophysical Survey, 7-11 Johnes St., Newburgh, New York

Dear Mr. Montuori:

Greenstar Environmental Solutions, LLC (Greenstar) is pleased to present this letter report summarizing the ground penetrating radar (GPR) and Electromagnetic (EM) survey at 7-11 Johnes St., Newburgh, New York.

SITE AND PROJECT DESCRIPTION

Greenstar Environmental Solutions LLC (Greenstar) was contracted by HRP to conduct a geophysical survey at 7-11 Johnes St., Newburgh, NY (subject property). The survey was completed on October 24 by Greenstar staff overseen by HRP staff. The objective of the survey was to locate existing utilities and anomalies within the work area.

The GPR survey was completed using a GSSI 350 mHz antenna and receiver. GPR surveying is a nonintrusive, subsurface geophysical investigation technique that detects subsurface structures by transmitting electromagnetic waves from an antenna into the ground. The antenna then monitors the strength and time delay of the return signal. The return signal is then evaluated for any anomalies, which by their size, shape and orientation can be interpreted as voids, underground storage tanks, utility pipelines, soil-bedrock interface or areas of different sediment compaction. A radio frequency (RF) line locator was also used to identify subsurface utility lines based on the presence of 120 hertz signal (electric) and transmitted signals from the RF transmitter.

RESULTS

Vacant Lot Work Area – Two anomalies were located within the work area. One anomaly is approximately 5 feet long and two feet wide, the other is approximately 3 feet long and 2 feet wide. Both anomalies are approximately 3 feet below ground surface. Anomalies were marked in paint and reviewed with HRP staff. Approximate anomaly locations are shown in Figure 1. No utilities were located within the work area.

Thank you for allowing Greenstar to assist HRP with this project. If you have any questions, please do not hesitate to contact me at (917) 655-5123 or via email at pnimmer@greenstarsolutions.com.

Sincerely,

GREENSTAR ENVIRONMENTAL SOLUTIONS, LLC

Pete Nimmer, PG, LSRP
Senior Geologist

Figure 1
Approximate Anomaly Locations
Vacant Lot Work Area
7-11 Johnes St., Newburgh, NY

APPENDIX D
Groundwater Sampling Logs

HRP Associates, Inc.

PAGE 1 OF 1

SAMPLE DATE: 4/18/24

TOTAL # WELLS: 2

LOW-FLOW SAMPLING LOG

Client Name: City of Newburgh
Project Locatior 7-11 Johnes Street, Newburgh NY
Sampler(s):

Sample Pump: Peristaltic
Tubing Type: HDPE
Monitoring Equipment: YSI ProDSS

Well I.D. MW-3
Well Diameter (inches): 2"
Total Depth (ft btoc): 14.82
Depth to Water (ft btoc): 12.78
Height of Water Column (ft): 2.04 One Well Volume† (gal) _____

Screen Setting (ft btoc): _____ to _____
Tubing Intake (ft btoc): _____
Comments: well run dry while sampling; waited for recharge; continued sample
Purge Volume (gal): _____

Well Condition: Fair

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (°C)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
0756	12.82		9.9	6.62	157.7	0.901	145.6	2.92
0759	12.83		9.8	6.60	151.5	0.905	121.0	2.16
0802	12.84		9.8	6.60	84.8	0.915	67.9	1.98
0805	12.85		9.7	6.61	25.2	0.937	18.8	1.79
0808	12.84		9.8	6.63	10.5	0.938	8.1	1.58
0811	12.85		9.7	6.64	-1.3	0.944	6.5	1.40
0814	12.86		9.8	6.65	-16.9	0.949	3.5	1.25
0817	12.89		9.9	6.66	-16.8	0.954	2.2	1.21
0820	12.89		9.9	6.65	-16.6	0.955	2.1	1.24

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (°C)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)									

Sample Time: 0825 Reviewed by: _____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

†Height of Water Column * d^2 * 0.0408 = 1 Well Volume in Gallons

* MS/MSD & DUP collected here

HRP Associates, Inc.

PAGE 1 OF 1

SAMPLE DATE: 11/15/2024

TOTAL # WELLS:

Low-Flow Sampling Log

Client Name: City of Newburgh

Project Location: 711 Johnes St, Newburgh, NY

Sampler(s): Shannon O'Malley

Sample Pump: ~~YSI PRODSS 4M~~ GEO pump

Tubing Type: LDPE

Monitoring Equipment: YSI PRODSS 4M

Well I.D. MW-1R

Well Diameter (inches): 2.0

Total Depth (ft btoc): 21.36

Depth to Water (ft btoc): 9.11

Screen Setting (ft btoc): 11.36 to 21.36

Tubing Intake (ft btoc): 18.0

Comments:

Well Condition:

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (oF)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
~~1008~~ 1016	~~9.11 21.36~~	220	14.2°C	6.99	-42.3	0.983	180.2	1.94
1021	9.18	220	13.8°C	7.02	-57.7	0.973	214.1	1.69
1026	9.17	220	14.0°C	7.03	-58.9	0.974	187.6	1.64
1031	9.16	220	14.2°C	7.02	-45.8	0.966	140.1	1.62
1036	9.17	220	14.3°C	7.02	-26.0	0.964	95.8	1.53
1041	9.18	220	14.7°C	7.02	-15.9	0.965	63.9	1.42
1046	9.18	220	14.6°C	7.03	-16.6	0.965	42.2	1.33
1051	9.17	220	14.5°C	7.04	-23.3	0.970	25.4	1.17
1056	9.18	220	14.5°C	7.05	-24.9	0.969	14.4	1.04
1101	9.17	220	14.4°C	7.05	-24.4	0.972	6.2	0.96
1106	9.18	220	14.4	7.05	-29.7	0.974	2.1	0.90
1111	9.18	220	14.4	7.05	-29.3	0.974	0.6	0.91

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)		yes	yes	yes	yes	yes	yes	yes	yes

Sample Time: 1115

Reviewed by:

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP Associates, Inc.

PAGE _____ OF

SAMPLE DATE: _____

Low-Flow Sampling Log

TOTAL # WELLS: _____

Client Name: MW-2R

Project Locatior _____

Sampler(s): _____

Sample Pump: _____

Tubing Type: _____

Monitoring Equipment: _____

Well I.D. _____

Well Diameter (inches): _____

Total Depth (ft btoc): 17.23

Depth to Water (ft btoc): 16.40

Screen Setting (ft btoc): _____ to _____

Tubing Intake (ft btoc): _____

Comments: Insufficient Volume of Recharge for sampling

Well Condition: _____

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (oF)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1150	16.70	200	15.1	7.32	-43.5	1.160	118.72	4.72
1155	17.15	200	15.4	7.19	-29.7	1.184	13.32	3.32
1156	well	Dry						

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)									

Sample Time: N/A

Reviewed by: _____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP Associates, Inc.

PAGE 1 OF 1

SAMPLE DATE: 11/15/24

TOTAL # WELLS: 5

Low-Flow Sampling Log

Client Name: Newburgh NEW6312.RA

Project Location: 711 Johnes St.

Sampler(s): Nick Willmart

Sample Pump: Geopump Peri.

Tubing Type: HDPE

Monitoring Equipment: YSI Pro DSS

Well I.D.: MW-3R

Well Diameter (inches): 2

Total Depth (ft btoc): 19.34

Depth to Water (ft btoc): 15.74

Screen Setting (ft btoc): [redacted] to 19

Tubing Intake (ft btoc): 18

Comments: Sunny [redacted] ~50°

Well Condition:

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (°C / oF)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1030	15.91	200	15.9	6.85	-110.7	1.172	100.10	0.87
1035	16.15	200	16.3	6.80	-114.3	1.173	18.02	0.62
1040	16.33	200	16.3	6.82	-128.0	1.170	4.98	0.40
1045	16.56	200	16.3	6.86	-137.5	1.174	4.72	0.36
1050	16.80	200	16.4	6.90	-146.2	1.178	4.75	[redacted] 0.33 (DUP)
1055	16.98	200	16.4	6.95	-152.1	1.178	5.02	[redacted] 0.30
1100	17.16	200	16.4	6.96	-156.4	1.177	5.30	0.28
1100 Sample								

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)									

Sample Time: 1100

Reviewed by:

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

DUP

Slight Odor

HRP Associates, Inc.

PAGE 1 OF 1

SAMPLE DATE: 11/15/24

TOTAL # WELLS: 5

Low-Flow Sampling Log

Client Name: Newburgh NEW6312-RA
Project Location: 7-11 Johnes Street
Sampler(s): N. Willmart
Sample Pump: Geopump peri
Tubing Type: LDPE
Monitoring Equipment: YSI Pro DSS

Well I.D. MW-4R
Well Diameter (inches): 2
Total Depth (ft btoc): 20.22
Depth to Water (ft btoc): 15.98
Screen Setting (ft btoc): 10 to 20
Tubing Intake (ft btoc): 18.5
Comments:

Well Condition:

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (oF)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1210	16.15	200	16.7	6.95	-96.0	0.991	1976.51	2.04
1215	16.40	200	17.1	6.94	-86.1	0.860	120.65	0.88
1220	16.61	200	17.0	6.94	-89.2	0.894	75.10	1.06
1225	16.72	200	17.1	6.94	-100.6	0.980	43.47	1.08
1230	16.85	200	17.1	6.94	-104.9	0.997	41.50	0.98
1235	16.92	200	17.2	6.94	-109.3	1.011	44.29	0.90
1240	16.99	200	17.2	6.94	-113.2	1.025	43.21	0.84
1245	Sample							

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)									

Sample Time: 1245

Reviewed by:

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

MS/MSD

Slight odor

HRP Associates, Inc.

PAGE 1 OF 1

SAMPLE DATE: 11/15/2024

TOTAL # WELLS:

Low-Flow Sampling Log

Client Name: City of Newburgh
Project Location: 711 Johnes St, Newburgh, NY
Sampler(s): Shannon O'Malley

Sample Pump: Geo Pump
Tubing Type: LDPE
Monitoring Equipment: YSI PRO DSS 4M

Well I.D.: MW-5R
Well Diameter (inches): 2.0
Total Depth (ft btoc): 17.16
Depth to Water (ft btoc): 13.33

Screen Setting (ft btoc): 8.0 to 18.0
Tubing Intake (ft btoc): 16.0
Comments:

Well Condition:

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (oF)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1238	13.78	267	17.0°C	6.65	102.1	0.931	36.0	1.32
1243	13.91	267	17.3°C	6.666	100.7	0.939	0.9	1.07
1248	13.99	267	17.2°C	6.67	98.9	0.938	~~4.1~~ 0.0	0.86
1253	14.28	267	17.1°C	6.67	92.8	0.940	0.0	0.76
1258	14.14	267	17.1°C	6.67	72.3	0.944	0.0	0.75
1303	14.14	267	17.3°C	6.67	57.2	0.943	0.0	0.71
1308	14.22	267	17.2°C	6.67	40.0	0.944	0.0	0.70
1313	14.25	267	17.2°C	6.67	30.7	0.947	0.0	0.69
1318	14.28	267	17.2°C	6.67	29.8	0.946	0.0	0.69
1323	14.31	267	17.0°C	6.67	26.3	0.950	0.0	0.70
1328	14.36	267	17.0°C	6.67	23.4	0.950	0.0	0.67

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)		yes	yes	yes	yes	yes	yes	yes	yes

Sample Time: ~~1238~~ 1332

Reviewed by:

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

APPENDIX E
Monitoring Well Decommissioning Records

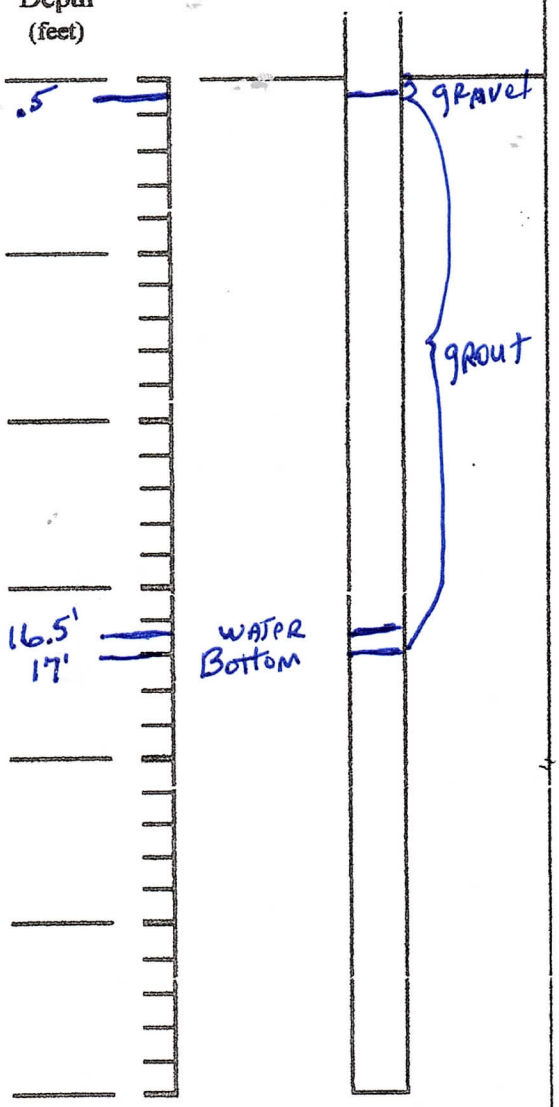
WELL DECOMMISSIONING RECORD

Site Name:	Well I.D.: MW-2
Site Location: 7-11 Johnes Street, Newburgh, NY	Driller: CRD/NASH
Drilling Co.: Core Down Drilling, LLC	Inspector:
	Date: 10/29/24

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	MANUAL
Casing retrieved (feet)	3
Casing type/dia. (in)	2
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	.5'-17'
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	3
Quantity of cement used (lbs.)	40
Cement type	PORTLAND
Quantity of bentonite used (lbs.)	1.5
Quantity of calcium chloride used (lbs.)	0
Volume of grout prepared (gal.)	3
Volume of grout used (gal.)	3

WELL SCHEMATIC*



COMMENTS: Surface repair: ~~Concrete~~ or ~~Asphalt~~	GRAVEL
Manhole removed?	YES
Depth to water =	16.5'

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Core Down Drilling, LLC
Drilling Contractor

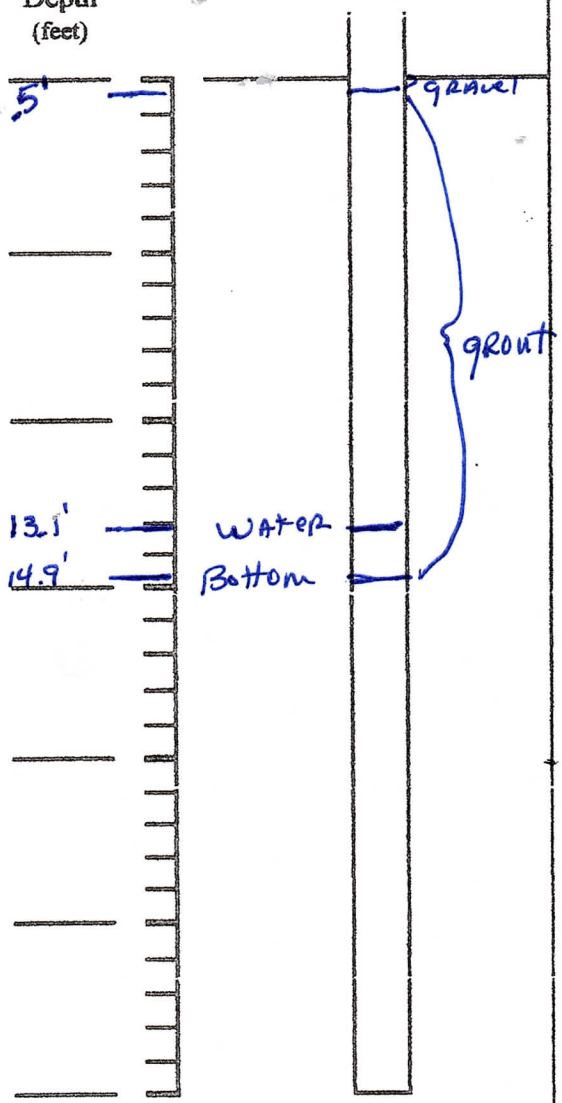
WELL DECOMMISSIONING RECORD

Site Name:	Well I.D.: MW-3
Site Location: 7-11 Johnes Street, Newburgh, NY	Driller: COD/NASH
Drilling Co.: Core Down Drilling, LLC	Inspector:
	Date: 10/29/24

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	MANUAL
Casing retrieved (feet)	5
Casing type/dia. (in)	2
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	.5'-14.9'
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	2.5
Quantity of cement used (lbs.)	35
Cement type	Portland
Quantity of bentonite used (lbs.)	1.5
Quantity of calcium chloride used (lbs.)	0
Volume of grout prepared (gal.)	2.5
Volume of grout used (gal.)	2.5

WELL SCHEMATIC*



COMMENTS: Surface repair: Concrete or Asphalt GRAVEL
Manhole removed? YES
Depth to water = 13.1'

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Core Down Drilling, LLC
Drilling Contractor

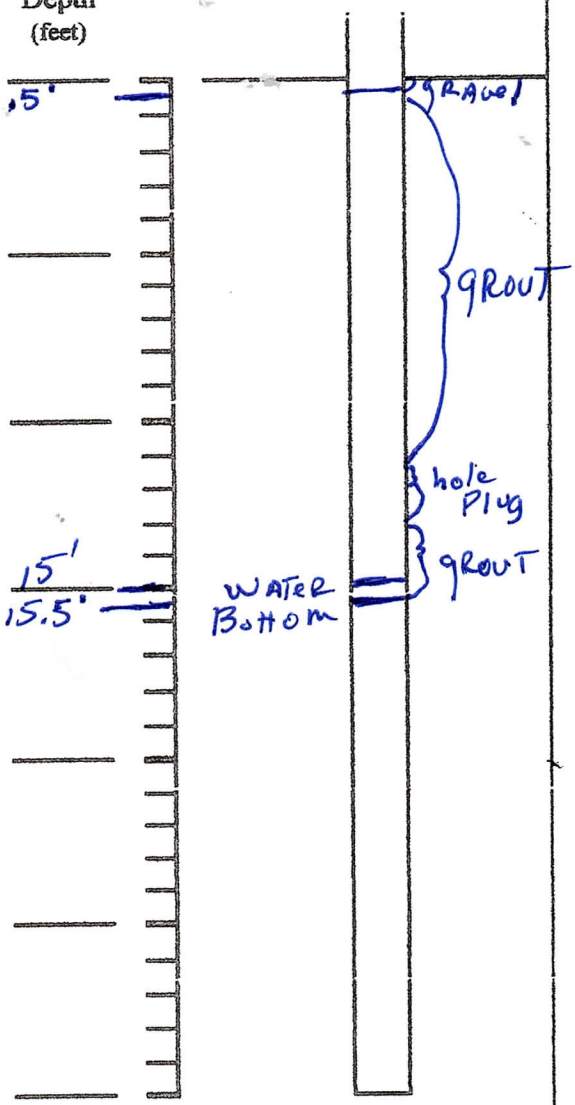
WELL DECOMMISSIONING RECORD

Site Name:	Well I.D.: MW-4
Site Location: 7-11 Johnes Street Newburgh, N.Y.	Driller: COD/NASH
Drilling Co.: Core Down Drilling, LLC	Inspector:
	Date: 10/29/24

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	MANUAL
Casing retrieved (feet)	15.5
Casing type/dia. (in)	2
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	.5'-15.5'
# of batches prepared	3.5
For each batch record:	
Quantity of water used (gal.)	24
Quantity of cement used (lbs.)	320
Cement type	Portland
Quantity of bentonite used (lbs.)	17
Quantity of calcium chloride used (lbs.)	0
Volume of grout prepared (gal.)	24
Volume of grout used (gal.)	24

WELL SCHEMATIC*



COMMENTS: Surface repair: Concrete or Asphalt	gravel
Manhole removed?	yes
Depth to water =	15
Void at bottom, grouted 3 mixes then 2 bags	

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Core Down Drilling, LLC
Drilling Contractor

Hole Plug then finished grouting.

APPENDIX F
Monitoring Well Construction Logs

	HRP Associates, Inc. **Monitoring Well Installation Log**	**WELL NO: MW-1R** **PAGE 1 OF 1**

PROJECT: 7-11 Johnes St. Newburgh ERP Supplemental PDI	**SCREEN SIZE & TYPE: 2" Schedule 40 PVC**
JOB NUMBER: NEW6312.RA	**SLOT NO.: 10 SETTING: 9-19'**
DATE COMPLETED: 10/31/24	**SAND PACK SIZE & TYPE: No.1 Quartz**
DRILLING COMPANY: Core Down Drilling	**SETTING: 7-19' bg**
RIG TYPE: Geoprobe 6712 DT	**CASING SIZE & TYPE: 2" Schedule 40 PVC**
DRILLING METHOD: Hollow Stem Auger	**SETTING: 2' above grade to 9' below grade**
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE: Bentonite chips**
SAMPLING METHOD: 2.25 OD Macro core via direct push	**SETTING: 5-7' bg**
OBSERVER: Nick Willmart	**BACKFILL TYPE: Clean cuttings, sand**
HEADSPACE PID READING: 0.0	**STATIC WATER LEVEL: N/A**
STICK-UP: 2.5 feet	**GPS COORDINATES (IF APPLICABLE):**
SURFACE COMPLETION: Square stick-up riser	
REMARKS:	

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

	HRP Associates, Inc. **Monitoring Well Installation Log**	**WELL NO: MW-2R** **PAGE 1 OF 1**

PROJECT: 7-11 Johnes St. Newburgh ERP Supplemental PDI	**SCREEN SIZE & TYPE: 2" Schedule 40 PVC**
JOB NUMBER: NEW6312.RA	**SLOT NO.: 10 SETTING: 10-20'**
DATE COMPLETED: 10/31/24	**SAND PACK SIZE & TYPE: No.1 Quartz**
DRILLING COMPANY: Core Down Drilling	**SETTING: 8-20' bg**
RIG TYPE: Geoprobe 6712 DT	**CASING SIZE & TYPE: 2" Schedule 40 PVC**
DRILLING METHOD: Hollow Stem Auger	**SETTING: 2' above grade to 10' below grade**
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE: Bentonite chips**
SAMPLING METHOD: 2.25 OD Macro core via direct push	**SETTING: 6-8' bg**
OBSERVER: Nick Willmart	**BACKFILL TYPE: Clean cuttings, sand**
HEADSPACE PID READING: 0.0	**STATIC WATER LEVEL: N/A**
STICK-UP: 2.5 feet	**GPS COORDINATES (IF APPLICABLE):**
SURFACE COMPLETION: Square stick-up riser	
REMARKS:	

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

	HRP Associates, Inc. **Monitoring Well Installation Log**	**WELL NO: MW-3R** **PAGE 1 OF 1**

PROJECT: 7-11 Johnes St. Newburgh ERP Supplemental PDI	**SCREEN SIZE & TYPE: 2" Schedule 40 PVC**
JOB NUMBER: NEW6312.RA	**SLOT NO.: 10 SETTING: 7-17'**
DATE COMPLETED: 10/31/24	**SAND PACK SIZE & TYPE: No.1 Quartz**
DRILLING COMPANY: Core Down Drilling	**SETTING: 5-17' bg**
RIG TYPE: Geoprobe 6712 DT	**CASING SIZE & TYPE: 2" Schedule 40 PVC**
DRILLING METHOD: Hollow Stem Auger	**SETTING: 2' above grade to 7' below grade**
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE: Bentonite chips**
SAMPLING METHOD: 2.25 OD Macro core via direct push	**SETTING: 3-5' bg**
OBSERVER: Nick Willmart	**BACKFILL TYPE: Clean cuttings, sand**
HEADSPACE PID READING: 0.0	**STATIC WATER LEVEL: N/A**
STICK-UP: 2.5 feet	**GPS COORDINATES (IF APPLICABLE):**
SURFACE COMPLETION: Square stick-up riser	
REMARKS:	

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

	HRP Associates, Inc. **Monitoring Well Installation Log**	**WELL NO: MW-4R** **PAGE 1 OF 1**

PROJECT: 7-11 Johnes St. Newburgh ERP Supplemental PDI	**SCREEN SIZE & TYPE: 2" Schedule 40 PVC**
JOB NUMBER: NEW6312.RA	**SLOT NO.: 10 SETTING: 8-18'**
DATE COMPLETED: 10/31/24	**SAND PACK SIZE & TYPE: No.1 Quartz**
DRILLING COMPANY: Core Down Drilling	**SETTING: 6-18' bg**
RIG TYPE: Geoprobe 6712 DT	**CASING SIZE & TYPE: 2" Schedule 40 PVC**
DRILLING METHOD: Hollow Stem Auger	**SETTING: 2' above grade to 8' below grade**
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE: Bentonite chips**
SAMPLING METHOD: 2.25 OD Macro core via direct push	**SETTING: 4-6' bg**
OBSERVER: Nick Willmart	**BACKFILL TYPE: Clean cuttings, sand**
HEADSPACE PID READING: 0.4	**STATIC WATER LEVEL: N/A**
STICK-UP: 2.5 feet	**GPS COORDINATES (IF APPLICABLE):**
SURFACE COMPLETION: Square stick-up riser	
REMARKS:	

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

	HRP Associates, Inc. **Monitoring Well Installation Log**	**WELL NO: MW-5R** **PAGE 1 OF 1**

PROJECT: 7-11 Johnes St. Newburgh ERP Supplemental PDI	**SCREEN SIZE & TYPE: 2" Schedule 40 PVC**
JOB NUMBER: NEW6312.RA	**SLOT NO.: 10 SETTING: 5-15'**
DATE COMPLETED: 10/31/24	**SAND PACK SIZE & TYPE: No.1 Quartz**
DRILLING COMPANY: Core Down Drilling	**SETTING: 3-15' bg**
RIG TYPE: Geoprobe 6712 DT	**CASING SIZE & TYPE: 2" Schedule 40 PVC**
DRILLING METHOD: Hollow Stem Auger	**SETTING: 2' above grade to 5' below grade**
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE: Bentonite chips**
SAMPLING METHOD: 2.25 OD Macro core via direct push	**SETTING: 1-3' bg**
OBSERVER: Nick Willmart	**BACKFILL TYPE: Clean cuttings, sand**
HEADSPACE PID READING: 0.0	**STATIC WATER LEVEL: N/A**
STICK-UP: 2.5 feet	**GPS COORDINATES (IF APPLICABLE):**
SURFACE COMPLETION: Square stick-up riser	
REMARKS:	

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

APPENDIX G
Laboratory Analytical Reports

Technical Report

prepared for:

HRP Associates, Inc.
1 Fairchild Square, Suite 110
Clifton Park NY, 12065
Attention: Patrick Montuori

Report Date: 11/07/2024
Client Project ID: NEW6312.RA 7-11 Johnes Street
York Project (SDG) No.: 24K0025

Report Date: 11/07/2024
Client Project ID: NEW6312.RA 7-11 Johnes Street
York Project (SDG) No.: 24K0025

HRP Associates, Inc.
1 Fairchild Square, Suite 110
Clifton Park NY, 12065
Attention: Patrick Montuori

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 01, 2024 and listed below. The project was identified as your project: **NEW6312.RA 7-11 Johnes Street**.

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
24K0025-01	PDI-SB-1 (4ft bg)	Soil	10/28/2024	11/01/2024
24K0025-02	PDI-SB-1 (20ft bg)	Soil	10/28/2024	11/01/2024
24K0025-03	PDI-SB-4 (3ft bg)	Soil	10/28/2024	11/01/2024
24K0025-04	PDI-SB-4 (11ft bg)	Soil	10/28/2024	11/01/2024
24K0025-05	PDI-SB-5 (3ft bg)	Soil	10/28/2024	11/01/2024
24K0025-06	PDI-SB-5 (7ft bg)	Soil	10/28/2024	11/01/2024
24K0025-07	PDI-SB-6 (3ft bg)	Soil	10/29/2024	11/01/2024
24K0025-08	PDI-SB-6 (11ft bg)	Soil	10/29/2024	11/01/2024
24K0025-09	PDI-SB-7 (3ft bg)	Soil	10/29/2024	11/01/2024
24K0025-10	PDI-SB-7 (11ft bg)	Soil	10/29/2024	11/01/2024
24K0025-11	PDI-SB-8 (3ft bg)	Soil	10/29/2024	11/01/2024
24K0025-12	PDI-SB-8 (7ft bg)	Soil	10/29/2024	11/01/2024
24K0025-13	DUP	Soil	10/29/2024	11/01/2024
24K0025-14	Field Blank	Water	10/29/2024	11/01/2024

General Notes for York Project (SDG) No.: 24K0025

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: 11/07/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **PDI-SB-1 (4ft bg)** **York Sample ID:** **24K0025-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 10:00 am	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.140	0.223	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0668	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.132	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.226	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.217	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.01**		ug/kg dry	0.210	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.238	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.241	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.250	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.205	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.158	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.130	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.187	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.245	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.137	0.504	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.184	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.195	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.241	0.243	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.945	0.958	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.952	0.968	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-1 (4ft bg) **York Sample ID:** 24K0025-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 10:00 am	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.137	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.175	0.449	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.243	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0781	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.121	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.198	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.750	0.945	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.766	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.392	0.953	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.310	0.943	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.219	0.953	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.213	0.245	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.156	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.799	1.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.64	6.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.89	6.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.770	2.52	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.227	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.878	2.52	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.250	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*93.2 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*119 %*	*25-150*

Sample Information

Client Sample ID: **PDI-SB-1 (4ft bg)** **York Sample ID:** **24K0025-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 10:00 am	11/01/2024

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFHPA	*Surrogate: M4PFHpA*	*84.5 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*101 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*109 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*103 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*98.1 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*60.0 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*59.9 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*115 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.5 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*109 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*101 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*87.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*89.0 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*84.5 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*78.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*81.7 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*120 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*65.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*53.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*55.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*68.1 %*			*25-150*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.3**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PDI-SB-1 (20ft bg)** **York Sample ID:** **24K0025-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 10:30 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0676	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.134	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.228	0.233	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.219	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.213	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.241	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.243	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.252	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.208	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.159	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.131	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.189	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.247	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.139	0.510	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.186	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.198	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.243	0.246	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.956	0.969	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.962	0.979	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.139	1.02	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **PDI-SB-1 (20ft bg)** **York Sample ID:** **24K0025-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 10:30 am	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.177	0.454	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:08	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.246	0.510	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:08	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0790	0.510	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:08	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.122	0.510	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:08	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.200	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:08	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.758	0.956	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:08	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.775	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:08	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.396	0.964	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:08	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.314	0.953	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:08	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.222	0.964	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:08	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.215	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:08	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.158	0.245	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:08	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.808	1.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:08	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.67	6.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:08	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.91	6.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:08	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.779	2.55	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:08	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.229	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:08	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.888	2.55	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:08	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.252	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:08	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*98.2 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*109 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*77.1 %*	*25-150*

Sample Information

Client Sample ID: PDI-SB-1 (20ft bg) **York Sample ID:** 24K0025-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 10:30 am	11/01/2024

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*109 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*116 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*92.4 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*75.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.0 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*118 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*107 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*104 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*96.4 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*98.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*108 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*91.4 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*87.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*130 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*72.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*99.9 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*87.7 %*			*25-150*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.3**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PDI-SB-4 (3ft bg)** **York Sample ID:** **24K0025-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 12:20 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0627	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.212	0.217	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.203	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.57**		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.224	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.226	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.193	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.230	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.129	0.473	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.173	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.183	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.887	0.899	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.893	0.909	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.129	0.947	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **PDI-SB-4 (3ft bg)** **York Sample ID:** **24K0025-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 12:20 pm	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.164	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:24	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.228	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:24	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0734	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:24	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:24	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.186	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:24	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.704	0.887	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:24	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.719	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:24	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.368	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:24	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.291	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:24	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.206	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:24	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.200	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:24	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:24	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.750	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:24	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.48	5.92	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:24	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.77	5.92	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:24	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.723	2.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:24	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.213	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:24	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.825	2.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:24	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:24	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*86.8 %*	*25-150*

Sample Information

Client Sample ID: **PDI-SB-4 (3ft bg)** **York Sample ID:** **24K0025-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 12:20 pm	11/01/2024

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*117 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*115 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*94.4 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*70.5 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*48.0 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*104 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*105 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*100 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*91.4 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*86.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*100 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*94.7 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*88.3 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*93.1 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*131 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*68.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*52.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*96.6 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*60.4 %*			*25-150*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.0**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PDI-SB-4 (11ft bg)** **York Sample ID:** **24K0025-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 12:30 pm	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.150	0.240	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0718	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.142	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.242	0.248	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.233	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.226	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.256	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.259	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.268	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.221	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.169	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.140	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.200	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.263	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.148	0.542	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.198	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.210	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.02	1.03	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.02	1.04	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.148	1.08	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **PDI-SB-4 (11ft bg)** **York Sample ID:** **24K0025-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 12:30 pm	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.188	0.482	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.261	0.542	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0840	0.542	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.130	0.542	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.213	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:40	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.806	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:40	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.824	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:40	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.421	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:40	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.333	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:40	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.236	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:40	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.229	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.168	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:40	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.859	1.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.84	6.77	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.03	6.77	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.828	2.71	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.244	0.271	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.944	2.71	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.268	0.271	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*95.6 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*111 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*84.0 %*	*25-150*

Sample Information

Client Sample ID: **PDI-SB-4 (11ft bg)** **York Sample ID:** **24K0025-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 12:30 pm	11/01/2024

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*101 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*114 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*114 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*98.0 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*71.8 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.7 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*111 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*117 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*103 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*88.3 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.0 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*108 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*94.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*99.2 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*94.7 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*111 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*61.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*49.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*96.0 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*53.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*61.0 %*			*25-150*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.2**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PDI-SB-5 (3ft bg)** **York Sample ID:** **24K0025-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 1:20 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.190	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0568	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.963**		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.202	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.803	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.808	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.857	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM

Sample Information

Client Sample ID: **PDI-SB-5 (3ft bg)** **York Sample ID:** **24K0025-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 1:20 pm	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.381	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:56	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.207	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:56	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0664	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:56	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:56	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.637	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.651	0.857	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.333	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.263	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:56	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 08:56	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.679	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:56	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.25	5.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:56	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:56	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.654	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:56	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:56	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.746	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:56	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:56	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*101 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*75.7 %*	*25-150*

Sample Information

Client Sample ID: **PDI-SB-5 (3ft bg)** **York Sample ID:** **24K0025-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 1:20 pm	11/01/2024

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*108 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*120 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*121 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*93.0 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*82.6 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.0 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*111 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*89.7 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*95.2 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*71.2 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*101 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*97.5 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*136 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*88.1 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*131 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*45.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*39.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*87.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*42.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*40.7 %*			*25-150*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.4**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PDI-SB-5 (7ft bg)** **York Sample ID:** **24K0025-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 1:30 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0596	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.201	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.193	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.459**		ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.213	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.215	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.183	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.218	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.450	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.164	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.844	0.855	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.849	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.900	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM

Sample Information

Client Sample ID: **PDI-SB-5 (7ft bg)** **York Sample ID:** **24K0025-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 1:30 pm	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.400	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 17:34	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.217	0.450	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 17:34	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0697	0.450	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 17:34	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.450	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 17:34	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.669	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.684	0.900	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.350	0.850	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.277	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.850	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.190	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 17:34	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 17:34	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.713	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 17:34	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.36	5.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 17:34	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 17:34	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.687	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 17:34	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 17:34	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.784	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 17:34	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 17:34	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*76.8 %*	*25-150*

Sample Information

Client Sample ID: **PDI-SB-5 (7ft bg)** **York Sample ID:** **24K0025-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 1:30 pm	11/01/2024

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*99.3 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*124 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*99.8 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.6 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*54.6 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*125 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*93.7 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*85.3 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*97.7 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*105 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*94.9 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*100 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*60.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*42.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*99.3 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*49.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*60.3 %*			*25-150*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.0**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PDI-SB-6 (3ft bg)** **York Sample ID:** **24K0025-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:10 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0598	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.427**		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.213	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.452	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.847	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.852	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM

Sample Information

Client Sample ID: **PDI-SB-6 (3ft bg)** **York Sample ID:** **24K0025-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:10 pm	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.402	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:12	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.218	0.452	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:12	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0700	0.452	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:12	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.452	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:12	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.672	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.686	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.278	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:12	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:12	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.716	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:12	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.65	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:12	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.65	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:12	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.690	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:12	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:12	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.787	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:12	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:12	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*98.8 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*121 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*94.4 %*	*25-150*

Sample Information

Client Sample ID: **PDI-SB-6 (3ft bg)** **York Sample ID:** **24K0025-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:10 pm	11/01/2024

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*120 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*122 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*99.1 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*71.9 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.4 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*119 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*103 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*116 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*96.2 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*80.0 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*94.4 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*94.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*84.8 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*91.9 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*126 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*67.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*63.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*124 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*61.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.3 %*			*25-150*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.6**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PDI-SB-6 (11ft bg)** **York Sample ID:** **24K0025-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:30 pm	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.130	0.207	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0619	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.123	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.209	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.201	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.221	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.223	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.231	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.190	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.146	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.173	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.227	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.467	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.181	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.876	0.887	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.882	0.897	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.934	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **PDI-SB-6 (11ft bg)** **York Sample ID:** **24K0025-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:30 pm	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:28	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.225	0.467	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:28	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0724	0.467	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:28	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.467	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:28	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.183	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:28	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.695	0.876	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:28	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.710	0.934	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:28	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.363	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:28	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.287	0.873	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:28	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.203	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:28	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.197	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:28	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.145	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 09:28	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.740	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:28	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.45	5.84	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:28	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.75	5.84	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:28	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.713	2.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:28	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.210	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:28	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.814	2.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:28	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.231	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:28	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*80.0 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.8 %*	*25-150*

Sample Information

Client Sample ID: **PDI-SB-6 (11ft bg)** **York Sample ID:** **24K0025-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:30 pm	11/01/2024

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*81.5 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*105 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*89.3 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*71.8 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*61.3 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*48.4 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*77.6 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*93.0 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*107 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*87.9 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*72.9 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*75.6 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*72.5 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*74.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*89.2 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*102 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*61.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*45.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*49.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*56.5 %*			*25-150*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.6**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PDI-SB-7 (3ft bg)** **York Sample ID:** **24K0025-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:00 pm	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0598	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.207	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.213	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.452	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.847	0.858	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.852	0.867	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.903	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-7 (3ft bg) **York Sample ID:** 24K0025-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:00 pm	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.402	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:22	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.218	0.452	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:22	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0700	0.452	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:22	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.452	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:22	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:22	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.672	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:22	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.686	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:22	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:22	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.278	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:22	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:22	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:22	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:22	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.716	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:22	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:22	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:22	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.690	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:22	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:22	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.787	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:22	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:22	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*124 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*142 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*102 %*	*25-150*

Sample Information

Client Sample ID: **PDI-SB-7 (3ft bg)** **York Sample ID:** **24K0025-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:00 pm	11/01/2024

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*132 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*141 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*146 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*108 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*98.3 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*88.0 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*16.5 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*127 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*110 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*124 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*117 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*109 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*133 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*75.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*58.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*145 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*57.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*74.3 %*			*25-150*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.2**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PDI-SB-7 (11ft bg)** **York Sample ID:** **24K0025-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:15 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.138	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0659	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.131	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.223	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.214	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.208	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.235	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.238	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.246	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.203	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.155	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.128	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.184	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.241	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.136	0.497	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.182	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.193	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.238	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.933	0.945	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.939	0.955	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.136	0.995	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM

Sample Information

Client Sample ID: PDI-SB-7 (11ft bg) **York Sample ID:** 24K0025-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:15 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.173	0.443	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:38	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.240	0.497	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:38	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0771	0.497	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:38	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.119	0.497	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:38	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.195	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.740	0.933	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.756	0.995	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.387	0.940	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.306	0.930	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.216	0.940	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.210	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:38	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.154	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:38	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.788	1.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:38	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.61	6.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:38	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.87	6.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:38	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.760	2.49	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:38	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.224	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:38	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.867	2.49	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:38	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.246	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:38	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*89.1 %*	*25-150*

Sample Information

Client Sample ID: **PDI-SB-7 (11ft bg)** **York Sample ID:** **24K0025-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:15 pm	11/01/2024

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*149 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*148 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*137 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*94.7 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*73.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*117 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*137 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*110 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*110 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*122 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*125 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*106 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*118 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*128 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*125 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*76.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*62.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*119 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*61.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*70.7 %*			*25-150*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.6**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PDI-SB-8 (3ft bg)** **York Sample ID:** **24K0025-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:45 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0584	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.687**		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.208	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.441	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.827	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.832	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.882	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM

Sample Information

Client Sample ID: **PDI-SB-8 (3ft bg)** **York Sample ID:** **24K0025-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:45 pm	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.392	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:55	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.213	0.441	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:55	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0684	0.441	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:55	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.441	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:55	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.656	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.670	0.882	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.343	0.833	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.271	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.833	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:55	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 18:55	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.699	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:55	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.31	5.51	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:55	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.65	5.51	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:55	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.674	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:55	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:55	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.768	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:55	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:55	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*130 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*93.7 %*	*25-150*

Sample Information

Client Sample ID: **PDI-SB-8 (3ft bg)** **York Sample ID:** **24K0025-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:45 pm	11/01/2024

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*122 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*122 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*129 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*93.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*66.8 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*17.7 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*130 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*120 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*107 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*123 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*104 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*103 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*102 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*127 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*72.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*67.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*120 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*59.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*74.9 %*			*25-150*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.8**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PDI-SB-8 (7ft bg)** **York Sample ID:** **24K0025-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:55 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0734**	J	ug/kg dry	0.0632	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.125	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.213	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.233**	J	ug/kg dry	0.205	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.199	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.225	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.228	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.236	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.194	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.149	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.123	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.176	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.231	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.130	0.477	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.174	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.185	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.228	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.894	0.906	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.900	0.916	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.130	0.954	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM

Sample Information

Client Sample ID: **PDI-SB-8 (7ft bg)** **York Sample ID:** **24K0025-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:55 pm	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.166	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:11	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.230	0.477	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:11	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0739	0.477	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:11	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.477	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:11	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.187	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.710	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.725	0.954	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.371	0.902	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.293	0.892	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.208	0.902	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.202	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:11	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.148	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:11	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.756	1.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:11	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.50	5.96	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:11	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.79	5.96	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:11	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.729	2.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:11	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.215	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:11	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.831	2.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:11	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.236	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:11	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*92.2 %*	*25-150*

Sample Information

Client Sample ID: **PDI-SB-8 (7ft bg)** **York Sample ID:** **24K0025-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:55 pm	11/01/2024

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*116 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*125 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*117 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*92.2 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.3 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*41.2 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*114 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*113 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*95.2 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*93.7 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*99.0 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*101 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*97.3 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*120 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*66.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*54.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*44.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*60.4 %*			*25-150*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.7**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **DUP** **York Sample ID:** **24K0025-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:01 am	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.127	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0606	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.205	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.197	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.27**		ug/kg dry	0.191	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.216	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.218	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.226	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.186	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.143	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.118	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.169	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.222	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.125	0.457	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.167	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.177	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.218	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.857	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.863	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.125	0.915	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM

Sample Information

Client Sample ID: DUP

York Sample ID: 24K0025-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:01 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.159	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:27	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.221	0.457	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:27	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0709	0.457	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:27	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.110	0.457	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:27	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.179	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.680	0.857	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.695	0.915	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.356	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.281	0.855	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.199	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.193	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:27	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.142	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/05/2024 09:34	11/06/2024 19:27	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.725	1.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:27	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.40	5.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:27	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.71	5.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:27	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.698	2.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:27	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.206	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:27	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.797	2.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:27	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.226	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:27	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*119 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*124 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*96.0 %*	*25-150*

Sample Information

Client Sample ID: DUP

York Sample ID: 24K0025-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:01 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*128 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*124 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*149 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*131 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*104 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*93.3 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*18.2 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*151 %*	PFSu-H		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*104 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*113 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*119 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*127 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*111 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*122 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*120 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*141 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*77.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*71.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*119 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*57.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*80.6 %*			*25-150*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.0**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24K0025-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Water	October 29, 2024 9:00 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.446	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.332	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.674	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.645	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.398	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.778	1.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.493	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.712	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.07	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.835	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.702	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.655	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.749	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.977	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.218	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.835	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.863	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.25	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.12	7.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.94	7.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.313	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24K0025-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Water	October 29, 2024 9:00 am	11/01/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.474	3.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/06/2024 11:37	11/07/2024 12:26	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.03	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/06/2024 11:37	11/07/2024 12:26	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.237	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/06/2024 11:37	11/07/2024 12:26	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.351	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/06/2024 11:37	11/07/2024 12:26	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.721	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.70	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.06	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.31	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.664	7.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
919005-14-4	ADONA	ND		ng/L	0.503	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.882	1.84	1	EPA 1633 Draft 3 Certifications:	11/06/2024 11:37	11/07/2024 12:26	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.816	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/06/2024 11:37	11/07/2024 12:26	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.93	4.74	1	EPA 1633 Draft 3 Certifications:	11/06/2024 11:37	11/07/2024 12:26	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.95	23.7	1	EPA 1633 Draft 3 Certifications:	11/06/2024 11:37	11/07/2024 12:26	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.98	23.7	1	EPA 1633 Draft 3 Certifications:	11/06/2024 11:37	11/07/2024 12:26	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.79	19.0	1	EPA 1633 Draft 3 Certifications:	11/06/2024 11:37	11/07/2024 12:26	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.50	1.90	1	EPA 1633 Draft 3 Certifications:	11/06/2024 11:37	11/07/2024 12:26	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.79	19.0	1	EPA 1633 Draft 3 Certifications:	11/06/2024 11:37	11/07/2024 12:26	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.71	1.90	1	EPA 1633 Draft 3 Certifications:	11/06/2024 11:37	11/07/2024 12:26	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*119 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*138 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*97.7 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*	*25-150*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24K0025-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Water	October 29, 2024 9:00 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*161 %*	PFSu-H		*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*154 %*	PFSu-H		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*118 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*94.8 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.1 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*30.7 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*148 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*127 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*131 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*108 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*118 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*67.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*90.3 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*118 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*61.3 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*62.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*38.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*127 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*66.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*80.1 %*			*25-150*						

Analytical Batch Summary

Batch ID: BK40092 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
24K0025-01	PDI-SB-1 (4ft bg)	11/02/24
24K0025-02	PDI-SB-1 (20ft bg)	11/02/24
24K0025-03	PDI-SB-4 (3ft bg)	11/02/24
24K0025-04	PDI-SB-4 (11ft bg)	11/02/24
24K0025-05	PDI-SB-5 (3ft bg)	11/02/24
24K0025-07	PDI-SB-6 (3ft bg)	11/02/24
24K0025-08	PDI-SB-6 (11ft bg)	11/02/24
BK40092-BLK1	Blank	11/02/24
BK40092-BS1	LCS	11/02/24
BK40092-BS2	LCS	11/02/24

Batch ID: BK40152 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24K0025-01	PDI-SB-1 (4ft bg)	11/04/24
24K0025-02	PDI-SB-1 (20ft bg)	11/04/24
24K0025-03	PDI-SB-4 (3ft bg)	11/04/24
24K0025-04	PDI-SB-4 (11ft bg)	11/04/24
24K0025-05	PDI-SB-5 (3ft bg)	11/04/24
24K0025-06	PDI-SB-5 (7ft bg)	11/04/24
24K0025-07	PDI-SB-6 (3ft bg)	11/04/24
24K0025-08	PDI-SB-6 (11ft bg)	11/04/24
24K0025-09	PDI-SB-7 (3ft bg)	11/04/24
24K0025-10	PDI-SB-7 (11ft bg)	11/04/24
24K0025-11	PDI-SB-8 (3ft bg)	11/04/24
24K0025-12	PDI-SB-8 (7ft bg)	11/04/24
24K0025-13	DUP	11/04/24
BK40152-DUP1	Duplicate	11/04/24

Batch ID: BK40263 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24K0025-06	PDI-SB-5 (7ft bg)	11/05/24
24K0025-09	PDI-SB-7 (3ft bg)	11/05/24
24K0025-10	PDI-SB-7 (11ft bg)	11/05/24
24K0025-11	PDI-SB-8 (3ft bg)	11/05/24
24K0025-12	PDI-SB-8 (7ft bg)	11/05/24
24K0025-13	DUP	11/05/24
BK40263-BLK1	Blank	11/05/24
BK40263-BS1	LCS	11/05/24
BK40263-BS2	LCS	11/05/24
BK40263-MS1	Matrix Spike	11/05/24
BK40263-MSD1	Matrix Spike Dup	11/05/24

Batch ID: BK40363 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
24K0025-14	Field Blank	11/06/24
BK40363-BLK1	Blank	11/06/24
BK40363-BS1	LCS	11/06/24
BK40363-BS2	LCS	11/06/24

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40092 - EPA 1633 Prep											
Blank (BK40092-BLK1)									Prepared: 11/02/2024 Analyzed: 11/05/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								
9CL-PF3ONS	ND	0.748	"								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.04*		*"*	*2.33*		*87.7*	*25-150*				
Surrogate: M5PFHxA	*2.72*		*"*	*2.50*		*109*	*25-150*				
Surrogate: M4PFHpA	*2.05*		*"*	*2.50*		*81.8*	*25-150*				
Surrogate: M3PFHxS	*1.92*		*"*	*2.37*		*81.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.58*		*"*	*2.50*		*103*	*25-150*				
Surrogate: M6PFDA	*1.18*		*"*	*1.25*		*94.3*	*25-150*				
Surrogate: M7PFUdA	*0.903*		*"*	*1.25*		*72.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.732*		*"*	*1.25*		*58.5*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40092 - EPA 1633 Prep											
Blank (BK40092-BLK1)											Prepared: 11/02/2024 Analyzed: 11/05/2024
Surrogate: M2PFTeDA	*0.650*		*ug/kg wet*	*1.25*		*52.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.8*		*"*	*10.0*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.96*		*"*	*2.40*		*81.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.38*		*"*	*5.00*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.29*		*"*	*2.50*		*91.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.13*		*"*	*5.00*		*82.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.31*		*"*	*5.00*		*86.3*	*25-150*				
Surrogate: M2-6:2 FTS	*3.39*		*"*	*4.76*		*71.2*	*25-200*				
Surrogate: M2-8:2 FTS	*3.37*		*"*	*4.80*		*70.2*	*25-200*				
Surrogate: M9PFNA	*1.02*		*"*	*1.25*		*81.7*	*25-150*				
Surrogate: M2-4:2 FTS	*5.05*		*"*	*4.69*		*108*	*25-150*				
Surrogate: d-N-MeFOSA	*1.53*		*"*	*2.50*		*61.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.10*		*"*	*2.50*		*44.0*	*25-150*				
Surrogate: M3HFPO-DA	*10.9*		*"*	*10.0*		*109*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.8*		*"*	*25.0*		*55.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.7*		*"*	*25.0*		*62.7*	*25-150*				
LCS (BK40092-BS1)											Prepared: 11/02/2024 Analyzed: 11/05/2024
Perfluorobutanesulfonic acid (PFBS)	3.00	0.177	ug/kg wet	3.54		84.7	50-150				
Perfluorohexanoic acid (PFHxA)	3.46	0.200	"	4.00		86.4	50-150				
Perfluoroheptanoic acid (PFHpA)	5.39	0.200	"	4.00		135	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.34	0.183	"	3.66		91.3	50-150				
Perfluorooctanoic acid (PFOA)	3.54	0.200	"	4.00		88.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.71	0.186	"	3.72		99.7	50-150				
Perfluorononanoic acid (PFNA)	3.53	0.200	"	4.00		88.3	50-150				
Perfluorodecanoic acid (PFDA)	2.80	0.200	"	4.00		69.9	50-150				
Perfluoroundecanoic acid (PFUnA)	3.77	0.200	"	4.00		94.2	50-150				
Perfluorododecanoic acid (PFDoA)	3.20	0.200	"	4.00		80.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.69	0.200	"	4.00		92.3	50-150				
Perfluorotetradecanoic acid (PFTA)	3.75	0.200	"	4.00		93.7	50-150				
N-MeFOSAA	3.89	0.200	"	4.00		97.3	50-150				
N-EtFOSAA	3.72	0.200	"	4.00		92.9	50-150				
Perfluoropentanoic acid (PFPeA)	7.94	0.400	"	8.00		99.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.18	0.200	"	4.00		79.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.01	0.200	"	3.82		105	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.07	0.193	"	3.86		79.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.9	0.760	"	15.2		91.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.6	0.768	"	15.4		95.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.0	0.800	"	16.0		93.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.35	0.356	"	7.12		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.76	0.400	"	8.00		97.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.44	0.400	"	8.00		106	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.60	0.400	"	8.00		94.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.07	0.188	"	3.76		108	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.0	0.750	"	15.0		79.7	50-150				
HFPO-DA (Gen-X)	6.96	0.800	"	8.00		87.0	50-150				
11CL-PF3OUdS	4.77	0.756	"	7.56		63.1	50-150				
9CL-PF3ONS	5.51	0.748	"	7.48		73.7	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40092 - EPA 1633 Prep											
LCS (BK40092-BS1)									Prepared: 11/02/2024 Analyzed: 11/05/2024		
ADONA	7.29	0.756	ug/kg wet	7.56		96.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.47	0.194	"	3.88		63.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.54	0.192	"	3.84		92.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.8	1.00	"	16.0		92.7	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	71.1	5.00	"	80.0		88.8	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	65.9	5.00	"	80.0		82.4	50-150				
N-MeFOSE	32.2	2.00	"	40.0		80.4	50-150				
N-MeFOSA	5.29	0.200	"	4.00		132	50-150				
N-EtFOSE	39.3	2.00	"	40.0		98.2	50-150				
N-EtFOSA	4.26	0.200	"	4.00		106	50-150				
Surrogate: M3PFBS	*2.40*		*"*	*2.33*		*103*	*25-150*				
Surrogate: M5PFHxA	*2.96*		*"*	*2.50*		*118*	*25-150*				
Surrogate: M4PFHpA	*2.12*		*"*	*2.50*		*84.7*	*25-150*				
Surrogate: M3PFHxS	*2.26*		*"*	*2.37*		*95.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.59*		*"*	*2.50*		*103*	*25-150*				
Surrogate: M6PFDA	*1.25*		*"*	*1.25*		*99.7*	*25-150*				
Surrogate: M7PFUdA	*0.958*		*"*	*1.25*		*76.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.707*		*"*	*1.25*		*56.6*	*25-150*				
Surrogate: M2PFTeDA	*0.572*		*"*	*1.25*		*45.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.2*		*"*	*10.0*		*122*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.71*		*"*	*2.40*		*71.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.59*		*"*	*5.00*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.92*		*"*	*2.50*		*77.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.24*		*"*	*5.00*		*64.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.64*		*"*	*5.00*		*72.8*	*25-150*				
Surrogate: M2-6:2 FTS	*3.97*		*"*	*4.76*		*83.5*	*25-200*				
Surrogate: M2-8:2 FTS	*3.68*		*"*	*4.80*		*76.6*	*25-200*				
Surrogate: M9PFNA	*1.02*		*"*	*1.25*		*81.3*	*25-150*				
Surrogate: M2-4:2 FTS	*5.77*		*"*	*4.69*		*123*	*25-150*				
Surrogate: d-N-MeFOSA	*1.13*		*"*	*2.50*		*45.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.03*		*"*	*2.50*		*41.0*	*25-150*				
Surrogate: M3HFPO-DA	*10.8*		*"*	*10.0*		*108*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.1*		*"*	*25.0*		*44.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.6*		*"*	*25.0*		*58.4*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40092 - EPA 1633 Prep											
LCS (BK40092-BS2)								Prepared: 11/02/2024 Analyzed: 11/05/2024			
Perfluorobutanesulfonic acid (PFBS)	0.636	0.177	ug/kg wet	0.708		89.8	50-150				
Perfluorohexanoic acid (PFHxA)	0.723	0.200	"	0.800		90.4	50-150				
Perfluoroheptanoic acid (PFHpA)	1.03	0.200	"	0.800		128	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.668	0.183	"	0.732		91.3	50-150				
Perfluorooctanoic acid (PFOA)	0.686	0.200	"	0.800		85.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.767	0.186	"	0.744		103	50-150				
Perfluorononanoic acid (PFNA)	0.689	0.200	"	0.800		86.1	50-150				
Perfluorodecanoic acid (PFDA)	0.631	0.200	"	0.800		78.9	50-150				
Perfluoroundecanoic acid (PFUnA)	0.774	0.200	"	0.800		96.7	50-150				
Perfluorododecanoic acid (PFDoA)	0.662	0.200	"	0.800		82.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.674	0.200	"	0.800		84.2	50-150				
Perfluorotetradecanoic acid (PFTA)	0.733	0.200	"	0.800		91.6	50-150				
N-MeFOSAA	0.715	0.200	"	0.800		89.4	50-150				
N-EtFOSAA	0.896	0.200	"	0.800		112	50-150				
Perfluoropentanoic acid (PFPeA)	1.53	0.400	"	1.60		95.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.694	0.200	"	0.800		86.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.733	0.200	"	0.764		96.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.811	0.193	"	0.772		105	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.16	0.760	"	3.04		104	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.92	0.768	"	3.07		95.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.94	0.800	"	3.20		91.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.48	0.356	"	1.42		104	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.63	0.400	"	1.60		102	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.64	0.400	"	1.60		103	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.53	0.400	"	1.60		95.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.764	0.188	"	0.752		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.33	0.750	"	3.00		77.7	50-150				
HFPO-DA (Gen-X)	1.56	0.800	"	1.60		97.5	50-150				
11CL-PF3OUdS	1.11	0.756	"	1.51		73.5	50-150				
9CL-PF3ONS	1.18	0.748	"	1.50		79.2	50-150				
ADONA	1.35	0.756	"	1.51		89.6	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.664	0.194	"	0.776		85.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.722	0.192	"	0.768		94.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.75	1.00	"	3.20		86.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	14.2	5.00	"	16.0		88.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	15.2	5.00	"	16.0		94.9	50-150				
N-MeFOSE	6.60	2.00	"	8.00		82.5	50-150				
N-MeFOSA	0.812	0.200	"	0.800		101	50-150				
N-EtFOSE	7.55	2.00	"	8.00		94.3	50-150				
N-EtFOSA	0.881	0.200	"	0.800		110	50-150				
Surrogate: M3PFBS	*2.46*		"	*2.33*		*106*	*25-150*				
Surrogate: M5PFHxA	*3.03*		"	*2.50*		*121*	*25-150*				
Surrogate: M4PFHpA	*2.32*		"	*2.50*		*92.8*	*25-150*				
Surrogate: M3PFHxS	*2.54*		"	*2.37*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.88*		"	*2.50*		*115*	*25-150*				
Surrogate: M6PFDA	*1.29*		"	*1.25*		*103*	*25-150*				
Surrogate: M7PFUdA	*1.13*		"	*1.25*		*90.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.871*		"	*1.25*		*69.7*	*25-150*				
Surrogate: M2PFTeDA	*0.808*		"	*1.25*		*64.7*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40092 - EPA 1633 Prep											
LCS (BK40092-BS2)											
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.5*		*ug/kg wet*	*10.0*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.22*		*"*	*2.40*		*92.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.82*		*"*	*5.00*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.36*		*"*	*2.50*		*94.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.40*		*"*	*5.00*		*88.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.69*		*"*	*5.00*		*93.8*	*25-150*				
Surrogate: M2-6:2 FTS	*4.19*		*"*	*4.76*		*88.2*	*25-200*				
Surrogate: M2-8:2 FTS	*4.19*		*"*	*4.80*		*87.3*	*25-200*				
Surrogate: M9PFNA	*1.20*		*"*	*1.25*		*96.0*	*25-150*				
Surrogate: M2-4:2 FTS	*6.55*		*"*	*4.69*		*140*	*25-150*				
Surrogate: d-N-MeFOSA	*1.90*		*"*	*2.50*		*75.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.36*		*"*	*2.50*		*54.4*	*25-150*				
Surrogate: M3HFPO-DA	*12.0*		*"*	*10.0*		*120*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.8*		*"*	*25.0*		*59.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.0*		*"*	*25.0*		*71.8*	*25-150*				
Batch BK40263 - EPA 1633 Prep											
Blank (BK40263-BLK1)											
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								

Prepared: 11/02/2024 Analyzed: 11/05/2024

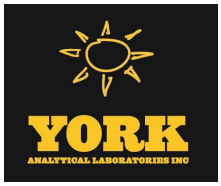
Prepared: 11/05/2024 Analyzed: 11/06/2024

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40263 - EPA 1633 Prep											
Blank (BK40263-BLK1)											
9CL-PF3ONS	ND	0.748	ug/kg wet								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.42*		"	*1.94*		*125*	*25-150*				
Surrogate: M5PFHxA	*3.00*		"	*2.08*		*144*	*25-150*				
Surrogate: M4PFHpA	*2.16*		"	*2.08*		*104*	*25-150*				
Surrogate: M3PFHxS	*2.50*		"	*1.98*		*126*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.25*		"	*2.08*		*156*	*25-150*				
Surrogate: M6PFDA	*1.41*		"	*1.04*		*136*	*25-150*				
Surrogate: M7PFUdA	*1.20*		"	*1.04*		*115*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.896*		"	*1.04*		*86.2*	*25-150*				
Surrogate: M2PFTeDA	*0.631*		"	*1.04*		*60.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.1*		"	*8.35*		*145*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.70*		"	*2.00*		*135*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.54*		"	*4.16*		*133*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.44*		"	*2.08*		*117*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.22*		"	*4.16*		*101*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.49*		"	*4.16*		*108*	*25-150*				
Surrogate: M2-6:2 FTS	*3.80*		"	*3.96*		*95.9*	*25-200*				
Surrogate: M2-8:2 FTS	*4.06*		"	*4.00*		*102*	*25-200*				
Surrogate: M9PFNA	*1.24*		"	*1.04*		*119*	*25-150*				
Surrogate: M2-4:2 FTS	*4.88*		"	*3.91*		*125*	*25-150*				
Surrogate: d-N-MeFOSA	*1.61*		"	*2.08*		*77.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.11*		"	*2.08*		*53.0*	*25-150*				
Surrogate: M3HFPO-DA	*10.9*		"	*8.35*		*130*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.2*		"	*20.8*		*48.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.7*		"	*20.8*		*65.9*	*25-150*				

Prepared: 11/05/2024 Analyzed: 11/06/2024



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

York Analytical Laboratories, Inc. - Stratford

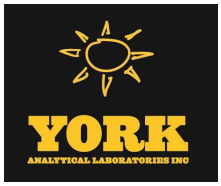
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40263 - EPA 1633 Prep											
LCS (BK40263-BS1)								Prepared: 11/05/2024 Analyzed: 11/06/2024			
Perfluorobutanesulfonic acid (PFBS)	3.37	0.177	ug/kg wet	3.53		95.5	50-150				
Perfluorohexanoic acid (PFHxA)	3.78	0.200	"	3.99		94.6	50-150				
Perfluoroheptanoic acid (PFHpA)	5.33	0.200	"	3.99		133	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.74	0.183	"	3.65		102	50-150				
Perfluorooctanoic acid (PFOA)	3.45	0.200	"	3.99		86.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.59	0.186	"	3.71		96.7	50-150				
Perfluorononanoic acid (PFNA)	3.90	0.200	"	3.99		97.7	50-150				
Perfluorodecanoic acid (PFDA)	3.78	0.200	"	3.99		94.6	50-150				
Perfluoroundecanoic acid (PFUnA)	3.76	0.200	"	3.99		94.3	50-150				
Perfluorododecanoic acid (PFDoA)	4.00	0.200	"	3.99		100	50-150				
Perfluorotridecanoic acid (PFTrDA)	5.03	0.200	"	3.99		126	50-150				
Perfluorotetradecanoic acid (PFTA)	4.47	0.200	"	3.99		112	50-150				
N-MeFOSAA	4.11	0.200	"	3.99		103	50-150				
N-EtFOSAA	3.86	0.200	"	3.99		96.8	50-150				
Perfluoropentanoic acid (PFPeA)	8.24	0.399	"	7.98		103	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.01	0.200	"	3.99		75.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.61	0.200	"	3.81		94.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.01	0.193	"	3.85		78.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.1	0.758	"	15.2		99.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.1	0.766	"	15.3		105	50-150				
Perfluoro-n-butanoic acid (PFBA)	16.0	0.798	"	16.0		100	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.94	0.355	"	7.11		112	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.53	0.399	"	7.98		119	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.49	0.399	"	7.98		106	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.73	0.399	"	7.98		96.8	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.71	0.188	"	3.75		98.9	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.0	0.749	"	15.0		86.6	50-150				
HFPO-DA (Gen-X)	7.58	0.798	"	7.98		94.9	50-150				
11CL-PF3OUdS	6.79	0.754	"	7.54		90.0	50-150				
9CL-PF3ONS	8.92	0.747	"	7.47		120	50-150				
ADONA	8.54	0.754	"	7.54		113	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.23	0.194	"	3.87		57.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.65	0.192	"	3.83		95.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.3	0.998	"	16.0		89.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	78.1	4.99	"	79.8		97.8	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	94.1	4.99	"	79.8		118	50-150				
N-MeFOSE	35.7	2.00	"	39.9		89.3	50-150				
N-MeFOSA	4.76	0.200	"	3.99		119	50-150				
N-EtFOSE	49.0	2.00	"	39.9		123	50-150				
N-EtFOSA	3.57	0.200	"	3.99		89.3	50-150				
Surrogate: M3PFBS	*2.42*		"	*1.94*		*125*	*25-150*				
Surrogate: M5PFHxA	*2.88*		"	*2.08*		*138*	*25-150*				
Surrogate: M4PFHpA	*2.46*		"	*2.08*		*118*	*25-150*				
Surrogate: M3PFHxS	*2.63*		"	*1.97*		*133*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.16*		"	*2.08*		*152*	*25-150*				
Surrogate: M6PFDA	*1.53*		"	*1.04*		*147*	*25-150*				
Surrogate: M7PFUdA	*1.52*		"	*1.04*		*146*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.13*		"	*1.04*		*109*	*25-150*				
Surrogate: M2PFTeDA	*0.670*		"	*1.04*		*64.5*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40263 - EPA 1633 Prep											
LCS (BK40263-BS1)								Prepared: 11/05/2024 Analyzed: 11/06/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.4*		*ug/kg wet*	*8.33*		*149*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.92*		*"*	*1.99*		*146*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.50*		*"*	*4.16*		*132*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.90*		*"*	*2.08*		*139*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.64*		*"*	*4.16*		*112*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.20*		*"*	*4.16*		*125*	*25-150*				
Surrogate: M2-6:2 FTS	*4.38*		*"*	*3.95*		*111*	*25-200*				
Surrogate: M2-8:2 FTS	*4.51*		*"*	*3.99*		*113*	*25-200*				
Surrogate: M9PFNA	*1.24*		*"*	*1.04*		*119*	*25-150*				
Surrogate: M2-4:2 FTS	*4.98*		*"*	*3.90*		*128*	*25-150*				
Surrogate: d-N-MeFOSA	*1.53*		*"*	*2.08*		*73.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.78*		*"*	*2.08*		*85.7*	*25-150*				
Surrogate: M3HFPO-DA	*10.3*		*"*	*8.33*		*124*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.2*		*"*	*20.8*		*63.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.9*		*"*	*20.8*		*76.3*	*25-150*				
LCS (BK40263-BS2)								Prepared: 11/05/2024 Analyzed: 11/06/2024			
Perfluorobutanesulfonic acid (PFBS)	0.623	0.175	ug/kg wet	0.700		89.1	50-150				
Perfluorohexanoic acid (PFHxA)	0.737	0.198	"	0.791		93.2	50-150				
Perfluoroheptanoic acid (PFHpA)	0.939	0.198	"	0.791		119	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.763	0.181	"	0.723		106	50-150				
Perfluorooctanoic acid (PFOA)	0.679	0.198	"	0.791		85.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.629	0.184	"	0.735		85.5	50-150				
Perfluorononanoic acid (PFNA)	0.826	0.198	"	0.791		105	50-150				
Perfluorodecanoic acid (PFDA)	0.613	0.198	"	0.791		77.5	50-150				
Perfluoroundecanoic acid (PFUnA)	0.779	0.198	"	0.791		98.6	50-150				
Perfluorododecanoic acid (PFDoA)	0.710	0.198	"	0.791		89.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.894	0.198	"	0.791		113	50-150				
Perfluorotetradecanoic acid (PFTA)	0.767	0.198	"	0.791		97.0	50-150				
N-MeFOSAA	0.850	0.198	"	0.791		107	50-150				
N-EtFOSAA	0.820	0.198	"	0.791		104	50-150				
Perfluoropentanoic acid (PFPeA)	1.56	0.395	"	1.58		98.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.654	0.198	"	0.791		82.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.690	0.198	"	0.755		91.4	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.581	0.191	"	0.763		76.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.63	0.751	"	3.00		87.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.29	0.759	"	3.04		108	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.64	0.791	"	3.16		83.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.39	0.352	"	1.41		98.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.75	0.395	"	1.58		111	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.234	0.395	"	1.58		14.8	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.68	0.395	"	1.58		106	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.728	0.186	"	0.743		98.0	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.56	0.741	"	2.96		86.2	50-150				
HFPO-DA (Gen-X)	1.65	0.791	"	1.58		105	50-150				
11CL-PF3OUdS	1.20	0.747	"	1.49		80.2	50-150				
9CL-PF3ONS	1.49	0.739	"	1.48		101	50-150				
ADONA	1.39	0.747	"	1.49		93.1	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40263 - EPA 1633 Prep											
LCS (BK40263-BS2)											
Prepared: 11/05/2024 Analyzed: 11/06/2024											
Perfluorododecanesulfonic acid (PFDoS)	0.439	0.192	ug/kg wet	0.767		57.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.672	0.190	"	0.759		88.6	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.83	0.988	"	3.16		57.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	14.2	4.94	"	15.8		89.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	16.9	4.94	"	15.8		107	50-150				
N-MeFOSE	6.91	1.98	"	7.91		87.4	50-150				
N-MeFOSA	1.01	0.198	"	0.791		128	50-150				
N-EtFOSE	8.54	1.98	"	7.91		108	50-150				
N-EtFOSA	0.628	0.198	"	0.791		79.5	50-150				
Surrogate: M3PFBS	*1.91*		"	*1.92*		*99.6*	*25-150*				
Surrogate: M5PFHxA	*2.61*		"	*2.06*		*127*	*25-150*				
Surrogate: M4PFHpA	*1.92*		"	*2.06*		*93.0*	*25-150*				
Surrogate: M3PFHxS	*2.01*		"	*1.95*		*103*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.45*		"	*2.06*		*119*	*25-150*				
Surrogate: M6PFDA	*1.24*		"	*1.03*		*120*	*25-150*				
Surrogate: M7PFUdA	*1.12*		"	*1.03*		*109*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.771*		"	*1.03*		*75.1*	*25-150*				
Surrogate: M2PFTeDA	*0.564*		"	*1.03*		*54.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.534*		"	*8.25*		*6.47*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		"	*1.97*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.00*		"	*4.12*		*97.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.14*		"	*2.06*		*104*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.76*		"	*4.12*		*91.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.15*		"	*4.12*		*101*	*25-150*				
Surrogate: M2-6:2 FTS	*3.56*		"	*3.91*		*91.0*	*25-200*				
Surrogate: M2-8:2 FTS	*3.32*		"	*3.95*		*84.0*	*25-200*				
Surrogate: M9PFNA	*1.02*		"	*1.03*		*99.2*	*25-150*				
Surrogate: M2-4:2 FTS	*3.82*		"	*3.86*		*98.9*	*25-150*				
Surrogate: d-N-MeFOSA	*1.27*		"	*2.06*		*61.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.19*		"	*2.06*		*58.0*	*25-150*				
Surrogate: M3HFPO-DA	*9.96*		"	*8.25*		*121*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.5*		"	*20.6*		*55.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.4*		"	*20.6*		*70.0*	*25-150*				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40263 - EPA 1633 Prep											
Matrix Spike (BK40263-MS1)	*Source sample: 24K0025-06 (PDI-SB-5 (7ft bg))								Prepared: 11/05/2024 Analyzed: 11/06/2024		
Perfluorobutanesulfonic acid (PFBS)	3.68	0.201	ug/kg dry	4.01	ND	91.6	25-150				
Perfluorohexanoic acid (PFHxA)	4.60	0.227	"	4.54	ND	101	25-150				
Perfluoroheptanoic acid (PFHpA)	6.37	0.227	"	4.54	ND	140	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.32	0.207	"	4.15	ND	104	25-150				
Perfluorooctanoic acid (PFOA)	4.03	0.227	"	4.54	ND	88.8	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.10	0.211	"	4.22	0.459	86.4	25-150				
Perfluorononanoic acid (PFNA)	3.81	0.227	"	4.54	ND	83.9	25-150				
Perfluorodecanoic acid (PFDA)	3.22	0.227	"	4.54	ND	71.0	25-150				
Perfluoroundecanoic acid (PFUnA)	4.60	0.227	"	4.54	ND	101	25-150				
Perfluorododecanoic acid (PFDoA)	4.28	0.227	"	4.54	ND	94.3	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.75	0.227	"	4.54	ND	105	25-150				
Perfluorotetradecanoic acid (PFTA)	4.39	0.227	"	4.54	ND	96.7	25-150				
N-MeFOSAA	4.18	0.227	"	4.54	ND	92.2	25-150				
N-EtFOSAA	4.15	0.227	"	4.54	ND	91.6	25-150				
Perfluoropentanoic acid (PFPeA)	9.07	0.454	"	9.07	ND	100	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.52	0.227	"	4.54	ND	77.5	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.67	0.227	"	4.33	ND	84.8	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.99	0.219	"	4.38	ND	91.1	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.7	0.862	"	17.2	ND	85.5	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.2	0.871	"	17.4	ND	93.2	25-150				
Perfluoro-n-butanoic acid (PFBA)	17.4	0.907	"	18.1	ND	96.1	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	11.0	0.404	"	8.07	ND	136	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.9	0.454	"	9.07	ND	120	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	5.59	0.454	"	9.07	ND	61.6	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.37	0.454	"	9.07	ND	92.3	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.44	0.213	"	4.26	ND	104	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.8	0.850	"	17.0	ND	81.1	25-150				
HFPO-DA (Gen-X)	10.5	0.907	"	9.07	ND	115	25-150				
11CL-PF3OUdS	10.7	0.857	"	8.57	ND	125	25-150				
9CL-PF3ONS	11.5	0.848	"	8.48	ND	136	25-150				
ADONA	9.28	0.857	"	8.57	ND	108	25-150				
Perfluorododecanesulfonic acid (PFDoS)	2.79	0.220	"	4.40	ND	63.5	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.09	0.218	"	4.35	ND	94.0	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	12.3	1.13	"	18.1	ND	68.0	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	73.9	5.67	"	90.7	ND	81.5	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	99.3	5.67	"	90.7	ND	110	25-150				
N-MeFOSE	39.9	2.27	"	45.4	ND	88.0	25-150				
N-MeFOSA	5.52	0.227	"	4.54	ND	122	25-150				
N-EtFOSE	52.1	2.27	"	45.4	ND	115	25-150				
N-EtFOSA	4.89	0.227	"	4.54	ND	108	25-150				
Surrogate: M3PFBS	*2.51*		"	*2.20*		*114*	*25-150*				
Surrogate: M5PFHxA	*2.46*		"	*2.36*		*104*	*25-150*				
Surrogate: M4PFHpA	*2.00*		"	*2.36*		*84.6*	*25-150*				
Surrogate: M3PFHxS	*2.67*		"	*2.24*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.49*		"	*2.36*		*105*	*25-150*				
Surrogate: M6PFDA	*1.50*		"	*1.18*		*127*	*25-150*				
Surrogate: M7PFUdA	*1.25*		"	*1.18*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.950*		"	*1.18*		*80.6*	*25-150*				
Surrogate: M2PFTeDA	*0.832*		"	*1.18*		*70.5*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40263 - EPA 1633 Prep											
Matrix Spike (BK40263-MS1)	*Source sample: 24K0025-06 (PDI-SB-5 (7ft bg))								Prepared: 11/05/2024 Analyzed: 11/06/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.16*		*ug/kg dry*	*9.47*		*22.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.03*		*"*	*2.26*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.87*		*"*	*4.72*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.95*		*"*	*2.36*		*82.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.79*		*"*	*4.72*		*101*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.15*		*"*	*4.72*		*109*	*25-150*				
Surrogate: M2-6:2 FTS	*5.60*		*"*	*4.49*		*125*	*25-200*				
Surrogate: M2-8:2 FTS	*6.63*		*"*	*4.54*		*146*	*25-200*				
Surrogate: M9PFNA	*1.28*		*"*	*1.18*		*109*	*25-150*				
Surrogate: M2-4:2 FTS	*5.64*		*"*	*4.43*		*127*	*25-150*				
Surrogate: d-N-MeFOSA	*1.06*		*"*	*2.36*		*45.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.05*		*"*	*2.36*		*44.4*	*25-150*				
Surrogate: M3HFPO-DA	*9.25*		*"*	*9.47*		*97.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.3*		*"*	*23.6*		*43.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.1*		*"*	*23.6*		*55.4*	*25-150*				
Matrix Spike Dup (BK40263-MSD1)	*Source sample: 24K0025-06 (PDI-SB-5 (7ft bg))								Prepared: 11/05/2024 Analyzed: 11/06/2024		
Perfluorobutanesulfonic acid (PFBS)	3.64	0.199	ug/kg dry	3.97	ND	91.6	25-150		1.07	35	
Perfluorohexanoic acid (PFHxA)	4.38	0.225	"	4.49	ND	97.5	25-150		4.85	35	
Perfluoroheptanoic acid (PFHpA)	6.45	0.225	"	4.49	ND	144	25-150		1.24	35	
Perfluorohexanesulfonic acid (PFHxS)	4.37	0.205	"	4.11	ND	106	25-150		1.04	35	
Perfluorooctanoic acid (PFOA)	3.47	0.225	"	4.49	ND	77.2	25-150		14.9	35	
Perfluorooctanesulfonic acid (PFOS)	4.33	0.209	"	4.18	0.459	92.6	25-150		5.31	35	
Perfluorononanoic acid (PFNA)	4.44	0.225	"	4.49	ND	98.8	25-150		15.3	35	
Perfluorodecanoic acid (PFDA)	3.35	0.225	"	4.49	ND	74.5	25-150		3.77	35	
Perfluoroundecanoic acid (PFUnA)	4.15	0.225	"	4.49	ND	92.4	25-150		10.3	35	
Perfluorododecanoic acid (PFDoA)	4.05	0.225	"	4.49	ND	90.1	25-150		5.53	35	
Perfluorotridecanoic acid (PFTrDA)	4.41	0.225	"	4.49	ND	98.2	25-150		7.39	35	
Perfluorotetradecanoic acid (PFTA)	4.34	0.225	"	4.49	ND	96.6	25-150		1.12	35	
N-MeFOSAA	4.57	0.225	"	4.49	ND	102	25-150		8.94	35	
N-EtFOSAA	4.50	0.225	"	4.49	ND	100	25-150		7.95	35	
Perfluoropentanoic acid (PFPeA)	9.07	0.449	"	8.98	ND	101	25-150		0.0405	35	
Perfluoro-1-octanesulfonamide (FOSA)	3.47	0.225	"	4.49	ND	77.3	25-150		1.32	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.97	0.225	"	4.29	ND	92.5	25-150		7.72	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.46	0.217	"	4.33	ND	103	25-150		11.2	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.0	0.853	"	17.1	ND	87.8	25-150		1.75	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.8	0.862	"	17.2	ND	97.1	25-150		3.14	35	
Perfluoro-n-butanoic acid (PFBA)	17.3	0.898	"	18.0	ND	96.3	25-150		0.707	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	10.3	0.400	"	7.99	ND	128	25-150		6.57	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	11.2	0.449	"	8.98	ND	125	25-150		2.96	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	5.68	0.449	"	8.98	ND	63.3	25-150		1.69	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	8.33	0.449	"	8.98	ND	92.8	25-150		0.441	30	
Perfluoro-1-pentanesulfonate (PFPeS)	4.39	0.211	"	4.22	ND	104	25-150		1.24	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.2	0.842	"	16.8	ND	84.4	25-150		2.99	30	
HFPO-DA (Gen-X)	7.77	0.898	"	8.98	ND	86.5	25-150		29.5	30	
11CL-PF3OUdS	8.96	0.849	"	8.49	ND	106	25-150		17.4	30	
9CL-PF3ONS	10.2	0.840	"	8.40	ND	122	25-150		12.3	30	
ADONA	8.51	0.849	"	8.49	ND	100	25-150		8.67	30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40263 - EPA 1633 Prep											
Matrix Spike Dup (BK40263-MSD1)	*Source sample: 24K0025-06 (PDI-SB-5 (7ft bg))								Prepared: 11/05/2024 Analyzed: 11/06/2024		
Perfluorododecanesulfonic acid (PFDoS)	3.31	0.218	ug/kg dry	4.36	ND	75.9	25-150		16.9	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	4.38	0.216	"	4.31	ND	102	25-150		6.70	30	
3-Perfluoropropyl propanoic acid (FPrPA)	12.7	1.12	"	18.0	ND	70.6	25-150		2.79	30	
3-Perfluoropentyl propanoic acid (FPePA)	77.6	5.61	"	89.8	ND	86.3	25-150		4.79	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	97.1	5.61	"	89.8	ND	108	25-150		2.27	30	
N-MeFOSE	35.3	2.25	"	44.9	ND	78.6	25-150		12.2	30	
N-MeFOSA	5.25	0.225	"	4.49	ND	117	25-150		4.89	30	
N-EtFOSE	52.0	2.25	"	44.9	ND	116	25-150		0.276	30	
N-EtFOSA	4.44	0.225	"	4.49	ND	99.0	25-150		9.44	30	
Surrogate: M3PFBS	*2.18*		"	*2.18*		*99.9*	*25-150*				
Surrogate: M5PFHxA	*2.33*		"	*2.34*		*99.6*	*25-150*				
Surrogate: M4PFHpA	*1.82*		"	*2.34*		*77.6*	*25-150*				
Surrogate: M3PFHxS	*2.34*		"	*2.22*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.62*		"	*2.34*		*112*	*25-150*				
Surrogate: M6PFDA	*1.46*		"	*1.17*		*125*	*25-150*				
Surrogate: M7PFUdA	*1.20*		"	*1.17*		*103*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.980*		"	*1.17*		*83.9*	*25-150*				
Surrogate: M2PFTeDA	*0.760*		"	*1.17*		*65.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.96*		"	*9.37*		*20.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.55*		"	*2.24*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.50*		"	*4.68*		*96.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.94*		"	*2.34*		*83.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.30*		"	*4.68*		*91.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.21*		"	*4.68*		*112*	*25-150*				
Surrogate: M2-6:2 FTS	*4.80*		"	*4.45*		*108*	*25-200*				
Surrogate: M2-8:2 FTS	*5.50*		"	*4.49*		*123*	*25-200*				
Surrogate: M9PFNA	*1.15*		"	*1.17*		*98.2*	*25-150*				
Surrogate: M2-4:2 FTS	*4.90*		"	*4.39*		*112*	*25-150*				
Surrogate: d-N-MeFOSA	*1.29*		"	*2.34*		*55.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.10*		"	*2.34*		*47.1*	*25-150*				
Surrogate: M3HFPO-DA	*9.40*		"	*9.37*		*100*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.3*		"	*23.4*		*43.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.2*		"	*23.4*		*65.1*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40363 - EPA 1633 Prep											
Blank (BK40363-BLK1)											
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*26.0*		*"*	*19.4*		*134*	*25-150*				
Surrogate: M5PFHxA	*30.2*		*"*	*20.8*		*145*	*25-150*				
Surrogate: M4PFHpA	*23.7*		*"*	*20.8*		*114*	*25-150*				
Surrogate: M3PFHxS	*28.6*		*"*	*19.8*		*145*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*31.3*		*"*	*20.8*		*150*	*25-150*				
Surrogate: M6PFDA	*19.6*		*"*	*10.4*		*188*	*25-150*				
Surrogate: M7PFUdA	*13.0*		*"*	*10.4*		*125*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*10.2*		*"*	*10.4*		*97.7*	*25-150*				
Surrogate: M2PFTeDA	*6.01*		*"*	*10.4*		*57.8*	*10-150*				

Prepared: 11/06/2024 Analyzed: 11/07/2024

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40363 - EPA 1633 Prep											
Blank (BK40363-BLK1)								Prepared: 11/06/2024 Analyzed: 11/07/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*13.7*		*ng/L*	*83.5*		*16.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.9*		*"*	*20.0*		*150*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*47.8*		*"*	*41.6*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.7*		*"*	*20.8*		*133*	*10-150*				
Surrogate: d3-N-MeFOSAA	*49.9*		*"*	*41.6*		*120*	*25-150*				
Surrogate: d5-N-EtFOSAA	*53.7*		*"*	*41.6*		*129*	*25-150*				
Surrogate: M2-6:2 FTS	*31.8*		*"*	*39.6*		*80.3*	*25-200*				
Surrogate: M2-8:2 FTS	*44.6*		*"*	*40.0*		*112*	*25-200*				
Surrogate: M9PFNA	*12.8*		*"*	*10.4*		*123*	*25-150*				
Surrogate: M2-4:2 FTS	*25.0*		*"*	*39.1*		*63.8*	*25-150*				
Surrogate: d-N-MeFOSA	*15.4*		*"*	*20.8*		*73.9*	*25-150*				
Surrogate: d-N-EtFOSA	*9.29*		*"*	*20.8*		*44.6*	*25-150*				
Surrogate: M3HFPO-DA	*122*		*"*	*83.5*		*146*	*25-150*				
Surrogate: d9-N-EtFOSE	*113*		*"*	*208*		*54.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*166*		*"*	*208*		*79.4*	*25-150*				
LCS (BK40363-BS1)								Prepared: 11/06/2024 Analyzed: 11/07/2024			
Perfluorobutanesulfonic acid (PFBS)	34.5	1.77	ng/L	35.4		97.5	50-150				
Perfluorohexanoic acid (PFHxA)	40.6	2.00	"	40.0		101	50-150				
Perfluoroheptanoic acid (PFHpA)	51.9	2.00	"	40.0		130	50-150				
Perfluorohexanesulfonic acid (PFHxS)	39.7	1.83	"	36.6		109	50-150				
Perfluorooctanoic acid (PFOA)	33.0	2.00	"	40.0		82.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	35.3	1.86	"	37.2		95.0	50-150				
Perfluorononanoic acid (PFNA)	38.7	2.00	"	40.0		96.6	50-150				
Perfluorodecanoic acid (PFDA)	31.2	2.00	"	40.0		78.1	50-150				
Perfluoroundecanoic acid (PFUnA)	42.1	2.00	"	40.0		105	50-150				
Perfluorododecanoic acid (PFDoA)	42.5	2.00	"	40.0		106	50-150				
Perfluorotridecanoic acid (PFTrDA)	54.0	2.00	"	40.0		135	50-150				
Perfluorotetradecanoic acid (PFTA)	39.0	2.00	"	40.0		97.6	50-150				
N-MeFOSAA	42.5	2.00	"	40.0		106	50-150				
N-EtFOSAA	41.7	2.00	"	40.0		104	50-150				
Perfluoropentanoic acid (PFPeA)	83.4	4.00	"	80.0		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	30.8	2.00	"	40.0		77.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	35.3	1.91	"	38.2		92.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	30.6	1.93	"	38.6		79.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	137	7.60	"	152		89.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	162	7.68	"	154		106	50-150				
Perfluoro-n-butanoic acid (PFBA)	163	8.00	"	160		102	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	85.0	3.56	"	71.2		119	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	91.5	4.00	"	80.0		114	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	52.2	4.00	"	80.0		65.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	83.6	4.00	"	80.0		104	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	39.5	1.88	"	37.6		105	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	132	7.50	"	150		87.8	50-150				
HFPO-DA (Gen-X)	74.4	8.00	"	80.0		93.0	50-150				
11CL-PF3OUdS	64.6	7.56	"	75.6		85.4	50-150				
9CL-PF3ONS	75.7	7.48	"	74.8		101	50-150				
ADONA	74.7	7.56	"	75.6		98.8	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40363 - EPA 1633 Prep											
LCS (BK40363-BS1)									Prepared: 11/06/2024 Analyzed: 11/07/2024		
Perfluorododecanesulfonic acid (PFDoS)	21.4	1.94	ng/L	38.8		55.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	36.5	1.92	"	38.4		94.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	150	5.00	"	160		94.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	885	25.0	"	800		111	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1080	25.0	"	800		135	50-150				
N-MeFOSE	356	20.0	"	400		89.0	50-150				
N-MeFOSA	49.4	2.00	"	40.0		123	50-150				
N-EtFOSE	447	20.0	"	400		112	50-150				
N-EtFOSA	47.9	2.00	"	40.0		120	50-150				
Surrogate: M3PFBS	*25.0*		*"*	*19.4*		*129*	*25-150*				
Surrogate: M5PFHxA	*33.5*		*"*	*20.8*		*161*	*25-150*				
Surrogate: M4PFHpA	*26.8*		*"*	*20.8*		*129*	*25-150*				
Surrogate: M3PFHxS	*27.3*		*"*	*19.8*		*138*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.3*		*"*	*20.8*		*160*	*25-150*				
Surrogate: M6PFDA	*18.2*		*"*	*10.4*		*175*	*25-150*				
Surrogate: M7PFUdA	*14.1*		*"*	*10.4*		*135*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*8.92*		*"*	*10.4*		*85.8*	*25-150*				
Surrogate: M2PFTeDA	*5.33*		*"*	*10.4*		*51.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*37.6*		*"*	*83.5*		*45.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.9*		*"*	*20.0*		*160*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*65.4*		*"*	*41.6*		*157*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.0*		*"*	*20.8*		*134*	*10-150*				
Surrogate: d3-N-MeFOSAA	*50.8*		*"*	*41.6*		*122*	*25-150*				
Surrogate: d5-N-EtFOSAA	*52.1*		*"*	*41.6*		*125*	*25-150*				
Surrogate: M2-6:2 FTS	*35.6*		*"*	*39.6*		*90.0*	*25-200*				
Surrogate: M2-8:2 FTS	*48.2*		*"*	*40.0*		*120*	*25-200*				
Surrogate: M9PFNA	*14.8*		*"*	*10.4*		*142*	*25-150*				
Surrogate: M2-4:2 FTS	*29.1*		*"*	*39.1*		*74.3*	*25-150*				
Surrogate: d-N-MeFOSA	*11.1*		*"*	*20.8*		*53.2*	*25-150*				
Surrogate: d-N-EtFOSA	*8.08*		*"*	*20.8*		*38.8*	*25-150*				
Surrogate: M3HFPO-DA	*145*		*"*	*83.5*		*174*	*25-150*				
Surrogate: d9-N-EtFOSE	*121*		*"*	*208*		*58.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*166*		*"*	*208*		*79.8*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40363 - EPA 1633 Prep											
LCS (BK40363-BS2)								Prepared: 11/06/2024 Analyzed: 11/07/2024			
Perfluorobutanesulfonic acid (PFBS)	6.57	1.77	ng/L	7.08		92.8	50-150				
Perfluorohexanoic acid (PFHxA)	7.75	2.00	"	8.00		96.9	50-150				
Perfluoroheptanoic acid (PFHpA)	11.5	2.00	"	8.00		143	50-150				
Perfluorohexanesulfonic acid (PFHxS)	7.94	1.83	"	7.32		109	50-150				
Perfluorooctanoic acid (PFOA)	5.68	2.00	"	8.00		71.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	7.78	1.86	"	7.44		105	50-150				
Perfluorononanoic acid (PFNA)	7.95	2.00	"	8.00		99.3	50-150				
Perfluorodecanoic acid (PFDA)	7.09	2.00	"	8.00		88.7	50-150				
Perfluoroundecanoic acid (PFUnA)	9.22	2.00	"	8.00		115	50-150				
Perfluorododecanoic acid (PFDoA)	6.39	2.00	"	8.00		79.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	9.05	2.00	"	8.00		113	50-150				
Perfluorotetradecanoic acid (PFTA)	7.84	2.00	"	8.00		98.0	50-150				
N-MeFOSAA	8.67	2.00	"	8.00		108	50-150				
N-EtFOSAA	8.45	2.00	"	8.00		106	50-150				
Perfluoropentanoic acid (PFPeA)	16.3	4.00	"	16.0		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.74	2.00	"	8.00		71.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.23	1.91	"	7.64		94.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	7.02	1.93	"	7.72		91.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	27.1	7.60	"	30.4		89.0	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	32.3	7.68	"	30.7		105	50-150				
Perfluoro-n-butanoic acid (PFBA)	33.1	8.00	"	32.0		104	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	14.8	3.56	"	14.2		104	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	14.7	4.00	"	16.0		91.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	5.27	4.00	"	16.0		32.9	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	17.5	4.00	"	16.0		109	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	8.18	1.88	"	7.52		109	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	28.4	7.50	"	30.0		94.7	50-150				
HFPO-DA (Gen-X)	16.0	8.00	"	16.0		100	50-150				
11CL-PF3OUdS	13.4	7.56	"	15.1		88.8	50-150				
9CL-PF3ONS	15.5	7.48	"	15.0		104	50-150				
ADONA	15.5	7.56	"	15.1		102	50-150				
Perfluorododecanesulfonic acid (PFDoS)	5.72	1.94	"	7.76		73.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	6.82	1.92	"	7.68		88.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	20.4	5.00	"	32.0		63.8	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	163	25.0	"	160		102	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	203	25.0	"	160		127	50-150				
N-MeFOSE	66.7	20.0	"	80.0		83.4	50-150				
N-MeFOSA	9.45	2.00	"	8.00		118	50-150				
N-EtFOSE	85.1	20.0	"	80.0		106	50-150				
N-EtFOSA	10.3	2.00	"	8.00		129	50-150				
Surrogate: M3PFBS	*29.3*		"	*19.4*		*151*	*25-150*				
Surrogate: M5PFHxA	*36.1*		"	*20.8*		*173*	*25-150*				
Surrogate: M4PFHpA	*26.4*		"	*20.8*		*127*	*25-150*				
Surrogate: M3PFHxS	*30.0*		"	*19.7*		*152*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*37.3*		"	*20.8*		*179*	*25-150*				
Surrogate: M6PFDA	*16.2*		"	*10.4*		*156*	*25-150*				
Surrogate: M7PFUdA	*13.6*		"	*10.4*		*131*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*10.2*		"	*10.4*		*97.6*	*25-150*				
Surrogate: M2PFTeDA	*6.90*		"	*10.4*		*66.3*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40363 - EPA 1633 Prep											
LCS (BK40363-BS2)									Prepared: 11/06/2024 Analyzed: 11/07/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*15.7*		*ng/L*	*83.5*		*18.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*32.6*		*"*	*19.9*		*164*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*56.5*		*"*	*41.6*		*136*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.0*		*"*	*20.8*		*144*	*10-150*				
Surrogate: d3-N-MeFOSAA	*55.3*		*"*	*41.6*		*133*	*25-150*				
Surrogate: d5-N-EtFOSAA	*58.4*		*"*	*41.6*		*140*	*25-150*				
Surrogate: M2-6:2 FTS	*37.0*		*"*	*39.6*		*93.4*	*25-200*				
Surrogate: M2-8:2 FTS	*51.4*		*"*	*40.0*		*128*	*25-200*				
Surrogate: M9PFNA	*16.2*		*"*	*10.4*		*156*	*25-150*				
Surrogate: M2-4:2 FTS	*30.5*		*"*	*39.1*		*78.1*	*25-150*				
Surrogate: d-N-MeFOSA	*14.9*		*"*	*20.8*		*71.5*	*25-150*				
Surrogate: d-N-EtFOSA	*10.2*		*"*	*20.8*		*49.0*	*25-150*				
Surrogate: M3HFPO-DA	*141*		*"*	*83.5*		*169*	*25-150*				
Surrogate: d9-N-EtFOSE	*145*		*"*	*208*		*69.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*205*		*"*	*208*		*98.1*	*25-150*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40152 - % Solids Prep											
Duplicate (BK40152-DUP1)	*Source sample: 24K0025-13 (DUP)								Prepared: 11/04/2024 Analyzed: 11/05/2024		
% Solids	87.0	0.100	%		87.0				0.0635	20	

Sample and Data Qualifiers Relating to This Work Order

PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24K0025

Page _____ of _____

Report To:	Invoice To:	YOUR Project Name / Number
Company: HRP Associates	Company: —	7-11 Solnes St.
Address: 1 Fairchild Sq. #110 Clifton Park, NY	Address: —	NEW6312.RA
Phone: 888-823-6427	Phone.: —	PO Number
Contact: Patrick.Monturi@hrpassociates.com	Contact:	
E-mail: edd@hrpassociates.com	E-mail: HRP.invoices@hrpassociates.com	

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

Samples Collected by: (print AND sign your name): Nicholas Willmert

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Samples Collected From: NY ✓ | NJ | CT | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) | PFAS Standard 7-10 Day ✓

Report Type (circle): QA Report | Summary (Results Only) | NY ASP B Package | NJ Reduced | NJ DKQP | NJ Full | CT RCP

EDD Type (circle): EQuIS (standard) | NYSDEC EQuIS | NJDEP SRP Haz Site | Standard Excel | CMDP | Other:

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

Field Filtered | Lab Filtered

Sample Identification	Date	Time	Matrix	Preservative: Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	Analyses Requested: PFAS 1633	MS/MSD	Grab or Comp. G/C
PDI-SB-1(4ftbg)	10/28/24	1000	S	X										X		
PDI-SB-1(20ftbg)	10/28	1030	S	X										X		
PDI-SB-4(3ftbg)	10/28	1220	S	X										X		
PDI-SB-4(11ftbg)	10/28	1230	S	X										X		
PDI-SB-5(3ftbg)	10/28	1320	S	X										X		
PDI-SB-5(11ftbg)	10/28	1330	S	X										X	X	
PDI-SB-6(3ftbg)	10/29	1210	S	X										X		
PDI-SB-6(11ftbg)	10/29	1230	S	X										X		
PDI-SB-7(3ftbg)	10/29	1300	S	X										X		
PDI-SB-7(11ftbg)	10/29	1325	S	X										X		
PDI-SB-8(3ftbg)	10/29	1345	S	X										X		
PDI-SB-8(7ftbg)	10/29	1355	S	X										X		
Dup	—	—	S	X										X		
Field Blank	10/29	900	W	X										X		

Comments:

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

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: HRP — Date/Time: 11/1/24 1115	1. Samples Received by / Company: Chai C — Date/Time: 11-1-24 11:15	2. Samples Relinquished by / Company: Chai C — Date/Time: 11-1-24 14:25
2. Samples Received by / Company — Date/Time	3. Samples Relinquished by / Company — Date/Time	3. Samples Received by / Company — Date/Time
4. Samples Relinquished by / Company — Date/Time	4. Samples Received by / Company — Date/Time	Samples Received in LAB by — Date/Time: 11/1/24 14:25 — Temperature: 2.8 Degrees C

Technical Report

prepared for:

HRP Associates, Inc.
1 Fairchild Square, Suite 110
Clifton Park NY, 12065
Attention: Patrick Montuori

Report Date: 05/07/2024
Client Project ID: NEW6312. RA 7-11 Johnes Street
York Project (SDG) No.: 24D1534

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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: 05/07/2024
Client Project ID: NEW6312. RA 7-11 Johnes Street
York Project (SDG) No.: 24D1534

HRP Associates, Inc.
1 Fairchild Square, Suite 110
Clifton Park NY, 12065
Attention: Patrick Montuori

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 24, 2024 and listed below. The project was identified as your project: **NEW6312. RA 7-11 Johnes Street**.

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
24D1534-01	MW-3_4.18.24	Ground Water	04/18/2024	04/24/2024
24D1534-02	DUP	Ground Water	04/18/2024	04/24/2024
24D1534-03	Equipment Blank	Ground Water	04/18/2024	04/24/2024

General Notes for York Project (SDG) No.: 24D1534

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By:

Date: 05/07/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID:	MW-3_4.18.24			York Sample ID:	24D1534-01
York Project (SDG) No.	Client Project ID		Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street		Ground Water	April 18, 2024 8:25 am	04/24/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	04/25/2024 08:06	04/26/2024 19:00	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*48.7 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**5.43**	J	ng/L	4.70	17.7	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**12.1**	J	ng/L	3.50	20.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	PF-CC V-L	ng/L	7.10	20.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**11.7**	J	ng/L	6.80	18.3	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
335-67-1	**Perfluorooctanoic acid (PFOA)**	**66.0**		ng/L	4.20	20.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**607**		ng/L	8.20	18.6	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
375-95-1	**Perfluorononanoic acid (PFNA)**	**14.3**	J	ng/L	5.20	20.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	7.50	20.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	11.3	20.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	8.80	20.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**7.59**	J	ng/L	7.40	20.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	6.90	20.0	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
2355-31-9	N-MeFOSAA	ND		ng/L	7.90	20.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
2991-50-6	N-EtFOSAA	ND		ng/L	10.3	20.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER

Sample Information

Client Sample ID: MW-3_4.18.24 **York Sample ID:** 24D1534-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 8:25 am	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**9.60**	J	ng/L	2.30	40.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	8.80	20.0	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	9.10	19.1	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	13.2	19.3	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	10.6	76.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	20.5	76.8	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	3.30	80.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	5.00	35.6	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:26	ER
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	21.4	40.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:26	ER
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	2.50	40.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:26	ER
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.70	40.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:26	ER
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	7.60	18.8	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	17.9	75.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	32.3	80.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
763051-92-9	11CL-PF3OUdS	ND		ng/L	13.8	75.6	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
756426-58-1	9CL-PF3ONS	ND		ng/L	7.00	74.8	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
919005-14-4	ADONA	ND		ng/L	5.30	75.6	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	9.30	19.4	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	8.60	19.2	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER

Sample Information

Client Sample ID: MW-3_4.18.24 **York Sample ID:** 24D1534-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 8:25 am	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	20.3	50.0	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	73.3	250	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	94.7	250	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER
24448-09-7	* N-MeFOSE	ND		ng/L	39.9	200	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER
31506-32-8	* N-MeFOSA	ND		ng/L	15.8	20.0	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER
1691-99-2	* N-EtFOSE	ND		ng/L	39.9	200	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER
4151-50-2	* N-EtFOSA	ND		ng/L	18.0	20.0	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*120 %*		*25-150*
Surrogate: M5PFHxA	*117 %*		*25-150*
Surrogate: M4PFHpA	*158 %*	PFSu-H	*25-150*
Surrogate: M3PFHxS	*121 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*101 %*		*25-150*
Surrogate: M6PFDA	*104 %*		*25-150*
Surrogate: M7PFUdA	*56.1 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*23.2 %*	PFSu-L	*25-150*
Surrogate: M2PFTeDA	*15.3 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*17.1 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*125 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*105 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*99.9 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*54.2 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*40.2 %*		*25-150*
Surrogate: M2-6:2 FTS	*242 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*90.8 %*		*25-200*
Surrogate: M9PFNA	*106 %*		*25-150*
Surrogate: M2-4:2 FTS	*250 %*	PFSu-H	*25-150*

Sample Information

Client Sample ID: MW-3_4.18.24 **York Sample ID:** 24D1534-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 8:25 am	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d-N-MeFOSA	*47.2 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*32.7 %*			*25-150*						
	Surrogate: M3HFPO-DA	*114 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*14.3 %*	PFSu-L		*25-150*						
	Surrogate: d7-N-MeFOSE	*17.0 %*	PFSu-L		*25-150*						

Sample Information

Client Sample ID: DUP **York Sample ID:** 24D1534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 3:00 pm	04/24/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	04/25/2024 08:06	04/26/2024 19:18	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*46.2 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**7.07**		ng/L	0.457	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**9.94**		ng/L	0.340	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**4.50**	PF-CC V-L	ng/L	0.691	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**13.3**		ng/L	0.661	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
335-67-1	**Perfluorooctanoic acid (PFOA)**	**45.5**		ng/L	0.408	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**457**		ng/L	0.798	1.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER

Sample Information

Client Sample ID: **DUP** **York Sample ID:** **24D1534-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 3:00 pm	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	**Perfluorononanoic acid (PFNA)**	**3.80**		ng/L	0.506	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.729	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.10	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.856	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.720	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
376-06-7	*** Perfluorotetradecanoic acid (PFTA)**	**0.813**	J	ng/L	0.671	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
2355-31-9	N-MeFOSAA	ND		ng/L	0.768	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
2991-50-6	**N-EtFOSAA**	**1.49**	J	ng/L	1.00	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**11.2**		ng/L	0.224	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**1.64**	J	ng/L	0.856	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**3.55**		ng/L	0.885	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.28	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.03	7.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.99	7.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.321	7.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.486	3.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:42	ER
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.08	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:42	ER
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.243	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:42	ER
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.360	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:42	ER
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**2.75**		ng/L	0.739	1.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER

Sample Information

Client Sample ID: DUP

York Sample ID: 24D1534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 3:00 pm	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.74	7.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.14	7.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.34	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
756426-58-1	9CL-PF3ONS	ND		ng/L	0.681	7.27	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
919005-14-4	ADONA	ND		ng/L	0.515	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.905	1.89	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.836	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.97	4.86	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.13	24.3	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.21	24.3	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER
24448-09-7	* N-MeFOSE	ND		ng/L	3.88	19.5	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER
31506-32-8	* N-MeFOSA	ND		ng/L	1.54	1.95	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER
1691-99-2	* N-EtFOSE	ND		ng/L	3.88	19.5	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER
4151-50-2	* N-EtFOSA	ND		ng/L	1.75	1.95	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*104 %*		*25-150*
Surrogate: M5PFHxA	*107 %*		*25-150*
Surrogate: M4PFHpA	*151 %*	PFSu-H	*25-150*
Surrogate: M3PFHxS	*104 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*82.9 %*		*25-150*
Surrogate: M6PFDA	*74.2 %*		*25-150*
Surrogate: M7PFUdA	*43.4 %*		*25-150*

Sample Information

Client Sample ID: **DUP** **York Sample ID:** **24D1534-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 3:00 pm	04/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.5 %*	PFSu-L		*25-150*						
	Surrogate: M2PFTeDA	*5.96 %*	PFSu-L		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*41.1 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*106 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*108 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*84.2 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*50.8 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*37.9 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*244 %*	PFSu-H		*25-200*						
	Surrogate: M2-8:2 FTS	*79.1 %*			*25-200*						
	Surrogate: M9PFNA	*88.8 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*365 %*	PFSu-H		*25-150*						
	Surrogate: d-N-MeFOSA	*20.3 %*	PFSu-L		*25-150*						
	Surrogate: d-N-EtFOSA	*8.65 %*	PFSu-L		*25-150*						
	Surrogate: M3HFPO-DA	*103 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*6.31 %*	PFSu-L		*25-150*						
	Surrogate: d7-N-MeFOSE	*8.41 %*	PFSu-L		*25-150*						

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24D1534-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 5:30 pm	04/24/2024

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	04/25/2024 08:06	04/26/2024 19:35	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.7 %*	*36.6-118*

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24D1534-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 5:30 pm	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.464	1.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.346	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	PF-CC V-L	ng/L	0.701	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.672	1.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.415	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.810	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.514	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.741	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.12	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.869	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.731	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.681	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
2355-31-9	N-MeFOSAA	ND		ng/L	0.780	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.227	3.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.869	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.899	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.30	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.05	7.51	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24D1534-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 5:30 pm	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.02	7.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.750**	J	ng/L	0.326	7.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.494	3.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:58	ER
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.11	3.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:58	ER
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.247	3.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:58	ER
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.365	3.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:58	ER
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.751	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.77	7.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.19	7.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.36	7.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
756426-58-1	9CL-PF3ONS	ND		ng/L	0.691	7.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
919005-14-4	ADONA	ND		ng/L	0.523	7.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.918	1.92	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:58	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.849	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:58	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.00	4.94	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:58	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.24	24.7	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:58	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.35	24.7	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:58	ER
24448-09-7	* N-MeFOSE	ND		ng/L	3.94	19.8	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:58	ER
31506-32-8	* N-MeFOSA	ND		ng/L	1.56	1.98	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:58	ER

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24D1534-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 5:30 pm	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ng/L	3.94	19.8	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:58	ER
4151-50-2	* N-EtFOSA	ND		ng/L	1.78	1.98	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:58	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*103 %*		*25-150*
Surrogate: M5PFHxA	*109 %*		*25-150*
Surrogate: M4PFHpA	*153 %*	PFSu-H	*25-150*
Surrogate: M3PFHxS	*105 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*81.0 %*		*25-150*
Surrogate: M6PFDA	*98.5 %*		*25-150*
Surrogate: M7PFUdA	*80.5 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*61.5 %*		*25-150*
Surrogate: M2PFTeDA	*48.4 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.04 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*99.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*64.3 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*86.4 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*69.9 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*65.9 %*		*25-150*
Surrogate: M2-6:2 FTS	*216 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*90.4 %*		*25-200*
Surrogate: M9PFNA	*99.5 %*		*25-150*
Surrogate: M2-4:2 FTS	*207 %*	PFSu-H	*25-150*
Surrogate: d-N-MeFOSA	*55.7 %*		*25-150*
Surrogate: d-N-EtFOSA	*55.1 %*		*25-150*
Surrogate: M3HFPO-DA	*108 %*		*25-150*
Surrogate: d9-N-EtFOSE	*44.8 %*		*25-150*
Surrogate: d7-N-MeFOSE	*46.2 %*		*25-150*

Sample and Data Qualifiers Relating to This Work Order

PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
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 current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 240184

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | Page ____ of ____

YOUR Information	Report To:	Invoice To:
Company: HRP Associates Inc.	Company:	Company:
Address: 1 Fairchild Sq, Suite 110, Clifton Park NY	Address:	Address:
Phone.: 518 877 7101	Phone.:	Phone.:
Contact: Elliott Jackson	Contact: Patrick Montuori	Contact:
E-mail: elliott.Jackson@hrpassociates.com, ejackson2702	E-mail: Patrick.Montuori@hrpassociates.com	

YOUR Project Number: NEW6312.RA

YOUR Project Name: 7-11 Johnes Street

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) /

PFAS Standard is 7-10 Days

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

Elliott Jackson

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)
NYSDEC Class GA Criteria

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-3_04.18.24 *	GW	4/18/24 0825	PFAS(1633), 1,4-D-dioxane (8270SIM)	2x HDPE, 1x Amber	3
DUP	GW	4/18/24	↓	↓	3
FB	GW	4/18/24 1730	↓	↓	3
TB	↓	↓	↓	↓	3

Comments: * Run for MS/MSD
FB = field blank TB = trip blank

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

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: None

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Elliott Jackson	4/24 850	Chris C	4-24-24 9:50	Chris C	4-24-24 15:25
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				LDA	4/24/24 15:25 / 3.6 Degrees C

Technical Report

prepared for:

HRP Associates, Inc.
1 Fairchild Square, Suite 110
Clifton Park NY, 12065
Attention: Patrick Montuori

Report Date: 11/25/2024
Client Project ID: 7-11 Johnes St. / NEW6312.RA
York Project (SDG) No.: 24K1288

Report Date: 11/25/2024
Client Project ID: 7-11 Johnes St. / NEW6312.RA
York Project (SDG) No.: 24K1288

HRP Associates, Inc.
1 Fairchild Square, Suite 110
Clifton Park NY, 12065
Attention: Patrick Montuori

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 18, 2024 and listed below. The project was identified as your project: **7-11 Johnes St. / NEW6312.RA**.

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
24K1288-01	MW-1R	Ground Water	11/15/2024	11/18/2024
24K1288-02	MW-3R	Ground Water	11/15/2024	11/18/2024
24K1288-03	MW-4R	Ground Water	11/15/2024	11/18/2024
24K1288-04	MW-5R	Ground Water	11/15/2024	11/18/2024
24K1288-05	Dup	Ground Water	11/15/2024	11/18/2024
24K1288-06	Field Blank	Water	11/15/2024	11/18/2024
24K1288-07	Trip Blank	Water	11/15/2024	11/18/2024

General Notes for York Project (SDG) No.: 24K1288

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: 11/25/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**11.3**		ug/L	0.310	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**0.840**		ug/L	0.347	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**1.39**		ug/L	1.34	2.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	**Acrolein**	**0.760**	B	ug/L	0.447	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **MW-1R** **York Sample ID:** **24K1288-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**1.97**		ug/L	0.405	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**1.32**		ug/L	0.399	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**2.00**		ug/L	0.384	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**3.01**		ug/L	0.444	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**0.710**		ug/L	0.367	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzene, diethyl isomer**	**2.5**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:			
NA	**Benzene, ethyl isomer (01)**	**2.0**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:			
NA	**Benzene, ethyl isomer (02)**	**4.7**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:			
NA	**Benzene, ethyl isomer (03)**	**1.9**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:			
NA	**Benzene, methyl isomer**	**2.4**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:			
NA	**Benzene, tetramethyl isomer (01)**	**1.9**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:			
NA	**Benzene, tetramethyl isomer (02)**	**2.2**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:			
NA	**bicyclo nonane isomer**	**3.6**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:			
NA	**Cyclohexane, ethyl isomer**	**1.9**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:			
NA	**indene isomer**	**2.0**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:			
NA	**Phenyl butene isomer**	**5.6**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:			
NA	**trans-Decene isomer**	**3.4**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
								Certifications:			

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, CCVE	ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	QL-02, CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	QL-02, ICVE	ug/L	5.00	10.0	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.2 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.3 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.2 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.4 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.900**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.220**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	**Anthracene**	**0.450**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.530**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**1.11**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**2.00**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	**Phenanthrene**	**1.93**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.430**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	11/19/2024 15:29	11/21/2024 13:33	SS
							Certifications:	NJDEP-CT005,NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*36.6-118*

Sample Information

Client Sample ID: **MW-1R** **York Sample ID:** **24K1288-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**9.12**		ng/L	0.433	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**21.8**		ng/L	0.323	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**9.92**		ng/L	0.655	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**22.7**		ng/L	0.627	1.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**15.9**		ng/L	0.387	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**40.3**		ng/L	0.756	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**2.21**		ng/L	0.480	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.692	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.04	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.812	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.683	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.636	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.729	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.950	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**28.8**		ng/L	0.212	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.812	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**1.12**	J	ng/L	0.839	1.76	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.22	1.78	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.92	7.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.89	7.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**12.9**		ng/L	0.304	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM

Sample Information

Client Sample ID: **MW-1R** **York Sample ID:** **24K1288-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.461	3.28	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:26	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.97	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:26	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.231	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:26	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.341	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:26	AM
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**3.42**		ng/L	0.701	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.65	6.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.98	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.27	6.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.646	6.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
919005-14-4	ADONA	ND		ng/L	0.489	6.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.858	1.79	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.793	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.87	4.61	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.76	23.1	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.73	23.1	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.68	18.4	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.46	1.84	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.68	18.4	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.66	1.84	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*134 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*134 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*	*25-150*

Sample Information

Client Sample ID: **MW-1R** **York Sample ID:** **24K1288-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*131 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*122 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*125 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*117 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*154 %*	PFSu-H		*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*27.9 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*118 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*125 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*128 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*130 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*116 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*180 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*179 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*151 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*134 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*129 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*145 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*89.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*83.9 %*			*25-150*						

Metals, RCRA (no Hg) by 6020

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**1.27**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:44	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**91.8**	M-CCV 1	ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:44	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:44	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:44	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:44	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**1.23**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:44	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:44	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1R **York Sample ID:** 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	11/22/2024 08:20	11/22/2024 08:20	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW-3R** **York Sample ID:** **24K1288-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**32.2**		ug/L	0.310	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	**1,2-Dichlorobenzene**	**0.520**		ug/L	0.270	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**1.37**		ug/L	0.347	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**1.92**		ug/L	1.34	2.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	**Acrolein**	**1.10**	B	ug/L	0.447	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	**cis-1,2-Dichloroethylene**	**0.690**		ug/L	0.294	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**1.26**		ug/L	0.290	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**61.9**		ug/L	4.05	5.00	10	EPA 8260D	11/22/2024 08:00	11/22/2024 11:47	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**1.66**		ug/L	0.477	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**33.5**		ug/L	0.399	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**139**		ug/L	3.84	5.00	10	EPA 8260D	11/22/2024 08:00	11/22/2024 11:47	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**59.2**		ug/L	0.444	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**11.2**		ug/L	0.367	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.9 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*153 %*	S-04, S-08	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzene, diethyl isomer**	**20**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:			
NA	**Benzene, methyl isomer (01)**	**8.6**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:			
NA	**Benzene, methyl isomer (02)**	**38**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:			
NA	**Benzene, tetramethyl isomer**	**17**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:			
NA	**Cyclohexane, tetramethyl is...**	**7.8**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:			
NA	**Dimethylindene isomer**	**8.9**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:			
NA	**Indan, methyl isomer**	**40**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:			
NA	**Indene, octahydro isomer**	**4.7**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:			
NA	**Phenyl butene isomer**	**16**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
								Certifications:			

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, CCVE	ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, QL-02	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, QL-02	ug/L	5.00	10.0	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.3 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.4 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*3.68 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.4 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*91.0 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.0 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.940**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	11/19/2024 15:29	11/21/2024 13:50	SS
							Certifications:	NJDEP-CT005,NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **MW-3R** **York Sample ID:** **24K1288-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**9.52**		ng/L	0.472	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**14.6**		ng/L	0.352	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**8.97**		ng/L	0.714	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**17.1**		ng/L	0.683	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**21.4**		ng/L	0.422	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**60.9**		ng/L	0.824	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**1.78**	J	ng/L	0.523	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.754	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.14	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.884	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.744	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.693	2.01	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.794	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
2991-50-6	**N-EtFOSAA**	**1.59**	J	ng/L	1.04	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**21.0**		ng/L	0.231	4.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.884	2.01	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**1.25**	J	ng/L	0.915	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.33	1.94	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.54	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.06	7.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**11.1**		ng/L	0.332	8.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.503	3.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:42	AM

Sample Information

Client Sample ID: **MW-3R** **York Sample ID:** **24K1288-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.15	4.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:42	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.251	4.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:42	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.372	4.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:42	AM
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**2.64**		ng/L	0.764	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.80	7.54	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.25	8.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.39	7.60	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.704	7.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
919005-14-4	ADONA	ND		ng/L	0.533	7.60	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.935	1.95	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:42	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.864	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:42	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.04	5.03	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:42	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.37	25.1	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:42	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.52	25.1	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:42	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.01	20.1	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:42	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.59	2.01	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:42	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.01	20.1	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:42	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.81	2.01	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:42	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*130 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*130 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*127 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*92.9 %*	*25-150*

Sample Information

Client Sample ID: MW-3R **York Sample ID:** 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*107 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*89.3 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*22.8 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*105 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*115 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*111 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*104 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*98.4 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*216 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*164 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*119 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*177 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*96.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*88.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*154 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*60.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*60.2 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
054120-64-8	**1(3H)-Isobenzofuranone, 5-m...**	**18.2**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
000083-33-0	**1H-Inden-1-one, 2,3-dihydro...**	**15.0**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
NA	**1-Methylindan-2-one isomer ...**	**14.1**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
NA	**Acetic acid, (2,4-xylyl)- i... (01)**	**27.0**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
NA	**Acetic acid, (2,4-xylyl)- i... (02)**	**43.5**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
000768-00-3	**Benzene, (1-methyl-1-propen...**	**57.2**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
002039-93-2	**Benzene, (1-methylenepropyl...**	**20.2**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
NA	**Benzene, 1,2,4-trimethyl-is...**	**338**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
NA	**Benzene, 1,2-diethyl- isome...**	**18.7**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzene, 1,2-diethyl-isomer...**	**24.5**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
000933-98-2	**Benzene, 1-ethyl-2,3-dimeth...**	**25.6**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
000874-41-9	**Benzene, 1-ethyl-2,4-dimeth...**	**46.0**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
000934-80-5	**Benzene, 4-ethyl-1,2-dimeth...**	**19.8**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
NA	**Benzene, diethenyl- isomer ...**	**43.1**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
078920-29-3	**Bicyclo[4.2.0]octa-1,3,5-tr...**	**44.7**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
NA	**Indan, 1-methyl- isomer RT5.88**	**88.8**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			
NA	**Indane -isomer RT5.57**	**61.7**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
								Certifications:			

Metals, RCRA (no Hg) by 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.02**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:47	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**199**	M-CCV 1	ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:47	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:47	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:47	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**1.26**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:47	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:47	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:47	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	11/22/2024 08:20	11/22/2024 08:20	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW-3R** **York Sample ID:** **24K1288-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

Sample Information

Client Sample ID: **MW-4R** **York Sample ID:** **24K1288-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**1.57**		ug/L	0.310	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**1.65**		ug/L	1.34	2.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	**Acrolein**	**1.06**	B	ug/L	0.447	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **MW-4R** **York Sample ID:** **24K1288-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**6.04**		ug/L	0.405	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**11.0**		ug/L	0.399	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**12.9**		ug/L	0.384	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**25.7**		ug/L	0.444	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**4.66**		ug/L	0.367	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-4R **York Sample ID:** 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.6 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*152 %*	S-08, S-04	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzene, ethyl isomer**	**65**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			
NA	**Benzene, methyl isomer (01)**	**14**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			
NA	**Benzene, methyl isomer (02)**	**7.5**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			
NA	**Benzene, methyl isomer (03)**	**23**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			
NA	**Benzene, methyl isomer (04)**	**44**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			
NA	**Benzene, methyl isomer (05)**	**8.2**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			
NA	**Benzene, tetramethyl isomer**	**20**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			
NA	**Bicyclo octane isomer**	**5.4**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			
NA	**Bicyclo octatriene isomer**	**28**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			
NA	**decene isomer**	**6.1**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			
NA	**Dimethylindene isomer**	**9.2**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			
NA	**indene isomer**	**4.6**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			
NA	**Indene, dihydro isomer**	**6.5**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Indene, octahydro isomer (01)**	**7.6**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			
NA	**Indene, octahydro isomer (02)**	**13**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
								Certifications:			

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, CCVE	ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, QL-02	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, QL-02	ug/L	5.00	10.0	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*17.1 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*11.6 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.2 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*37.6 %*	S-08	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.1 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.9 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.250**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW-4R** **York Sample ID:** **24K1288-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	11/20/2024 17:16	11/24/2024 17:34	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**5.22**		ng/L	0.431	1.62	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**10.3**		ng/L	0.321	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**4.28**		ng/L	0.651	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**5.74**		ng/L	0.624	1.68	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**12.5**		ng/L	0.385	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**5.20**		ng/L	0.752	1.71	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.593**	J	ng/L	0.477	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.688	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.04	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.807	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.679	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.633	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.725	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.945	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**13.7**		ng/L	0.211	3.67	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.807	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
								Certifications: NJDEP-NY037			

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.835	1.75	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.21	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.88	6.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.88	7.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**15.6**		ng/L	0.303	7.34	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.459	3.27	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:58	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.96	3.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:58	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.229	3.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:58	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.339	3.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:58	AM
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**1.21**	J	ng/L	0.697	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.64	6.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.96	7.34	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.27	6.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.642	6.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
919005-14-4	ADONA	ND		ng/L	0.486	6.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.853	1.78	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:58	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.789	1.76	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.86	4.59	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:58	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.72	22.9	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:58	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.69	22.9	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:58	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.66	18.3	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:58	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.45	1.83	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:58	AM

Sample Information

Client Sample ID: MW-4R **York Sample ID:** 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ng/L	3.66	18.3	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:58	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.65	1.83	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:58	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*127 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*139 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*148 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*138 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*136 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*112 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*110 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*102 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*92.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*29.5 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*115 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*132 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*116 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*104 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*110 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*211 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*155 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*125 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*185 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*87.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*85.4 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*160 %*	PFSu-H	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*60.1 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.1 %*		*25-150*

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
031244-58-3	**1,2,3,4,4a,5,6,8a-Octahydro-naphthalene isomer**	**18.8**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:			
016021-08-2	**2(1H)-Naphthalenone, octahydro-trans isomer RT**	**15.1**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:			
006331-04-0	**Acetic acid, (2,4-xylyl)-isomer RT8.03**	**12.2**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:			
000527-53-7	**Benzene, 1,2,3,5-tetramethyl-isomer RT6.26**	**11.0**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:			
000095-63-6	**Benzene, 1,2,4-trimethyl-isomer RT5.46**	**14.7**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:			
003618-12-0	**Cyclodecene isomer RT6.75**	**10.0**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:			
015232-95-8	**Cyclohexene,3-(2-propenyl)-isomer RT7.38**	**12.0**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
								Certifications:			

Metals, RCRA (no Hg) by 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**1.63**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:51	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**246**	M-CCV 1	ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:51	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:51	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:51	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:51	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**7.77**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:51	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:51	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	11/22/2024 08:20	11/22/2024 08:20	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW-5R** **York Sample ID:** **24K1288-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	**Acrolein**	**1.20**	B	ug/L	0.447	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:31	PD
								Certifications:			

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*21.1 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*11.8 %*	*10.1-41.7*

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.4 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.8 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*50.9 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.3 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	11/19/2024 15:29	11/21/2024 14:08	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*76.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**4.90**		ng/L	0.434	1.63	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**11.8**		ng/L	0.323	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**6.96**		ng/L	0.655	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**9.84**		ng/L	0.628	1.69	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**20.6**		ng/L	0.388	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**55.1**		ng/L	0.757	1.72	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**2.55**		ng/L	0.480	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **MW-5R** **York Sample ID:** **24K1288-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.692	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.04	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.812	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.683	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.637	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.729	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.951	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**10.8**		ng/L	0.212	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.812	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**1.13**	J	ng/L	0.840	1.76	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.22	1.78	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.92	7.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.89	7.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.305	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.462	3.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 16:46	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.98	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 16:46	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.231	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 16:46	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.342	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 16:46	AM
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**1.54**	J	ng/L	0.701	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.65	6.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.98	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.27	6.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
756426-58-1	9CL-PF3ONS	ND		ng/L	0.646	6.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
919005-14-4	ADONA	ND		ng/L	0.489	6.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.858	1.79	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 16:46	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.794	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 16:46	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.87	4.62	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 16:46	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.77	23.1	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 16:46	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.74	23.1	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 16:46	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.68	18.5	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 16:46	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.46	1.85	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 16:46	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.68	18.5	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 16:46	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.66	1.85	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 16:46	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*119 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*117 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*121 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*94.9 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*103 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*111 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*106 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*27.4 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*95.4 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*111 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.2 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*88.3 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*84.2 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*187 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*131 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*113 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*158 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*102 %*		*25-150*

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
936109-40-9	*Surrogate: d-N-EtFOSA*	*113 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*134 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*71.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*71.9 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
								Certifications:			

Metals, RCRA (no Hg) by 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**74.7**	M-CCV 1	ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**4.77**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	11/22/2024 08:20	11/22/2024 08:20	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Dup** **York Sample ID:** **24K1288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**31.0**		ug/L	0.310	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	**1,2-Dichlorobenzene**	**0.520**		ug/L	0.270	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**1.29**		ug/L	0.347	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Dup

York Sample ID: 24K1288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**1.87**		ug/L	1.34	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	**Acrolein**	**1.47**	B	ug/L	0.447	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	**cis-1,2-Dichloroethylene**	**0.680**		ug/L	0.294	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **Dup** **York Sample ID:** **24K1288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**1.23**		ug/L	0.290	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**77.0**		ug/L	0.405	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**1.58**		ug/L	0.477	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**32.2**		ug/L	0.399	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	**n-Propylbenzene**	**148**		ug/L	3.84	5.00	10	EPA 8260D	11/22/2024 08:00	11/22/2024 11:09	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**55.6**		ug/L	0.444	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**10.4**		ug/L	0.367	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Dup** **York Sample ID:** **24K1288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.3 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*146 %*	S-04, S-08	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzene, diethyl isomer**	**20**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:			
NA	**Benzene, ethyl isomer**	**40**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:			
NA	**Benzene, methyl isomer (01)**	**8.4**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:			
NA	**Benzene, methyl isomer (02)**	**16**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:			
NA	**Benzene, tetramethyl isomer**	**18**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:			
NA	**Dimethylindene isomer**	**8.9**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:			
NA	**Indan, methyl isomer**	**41**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:			
NA	**Indene, octahydro isomer**	**4.3**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:			
NA	**Octene, dimethyl isomer**	**7.3**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
								Certifications:			

SVOA, 8270 LOW MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: **Dup** **York Sample ID:** **24K1288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Dup** **York Sample ID:** **24K1288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, CCVE	ug/L	5.00	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: Dup

York Sample ID: 24K1288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*19.3 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*11.9 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*52.8 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.0 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*62.3 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.0 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Dup** **York Sample ID:** **24K1288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

SVOA, 8270 SIM MASTER

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.430**		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	11/19/2024 15:29	11/21/2024 14:26	SS
							Certifications:	NJDEP-CT005,NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Information

Client Sample ID: **Dup** **York Sample ID:** **24K1288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**9.52**		ng/L	0.440	1.66	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**14.5**		ng/L	0.327	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**8.14**		ng/L	0.664	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**21.2**		ng/L	0.636	1.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**22.7**		ng/L	0.393	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**24.4**		ng/L	0.767	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**1.71**	J	ng/L	0.486	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.701	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.06	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.823	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.692	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.645	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.739	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
2991-50-6	**N-EtFOSAA**	**2.30**		ng/L	0.963	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**20.0**		ng/L	0.215	3.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.823	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**1.12**	J	ng/L	0.851	1.79	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.23	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.01	7.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.92	7.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**9.56**		ng/L	0.309	7.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.468	3.33	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 17:02	AM

Sample Information

Client Sample ID: **Dup** **York Sample ID:** **24K1288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.00	3.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 17:02	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.234	3.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 17:02	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.346	3.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 17:02	AM
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**2.97**		ng/L	0.711	1.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.67	7.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.02	7.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.29	7.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.655	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
919005-14-4	ADONA	ND		ng/L	0.496	7.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.870	1.81	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.804	1.80	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.90	4.68	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.86	23.4	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.86	23.4	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.73	18.7	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.48	1.87	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.73	18.7	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.68	1.87	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*144 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*144 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*141 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*140 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*132 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*120 %*	*25-150*

Sample Information

Client Sample ID: **Dup** **York Sample ID:** **24K1288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C7PFUNA	*Surrogate: M7PFUdA*	*118 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*113 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*124 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*27.9 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*118 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*133 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*130 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*129 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*119 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*249 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*186 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*129 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*211 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*111 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*112 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*168 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*60.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.2 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
054120-64-8	**1(3H)-Isobenzofuranone, 5-m...**	**18.2**	J	ug/L			1	EPA 8270D Certifications:	11/21/2024 08:22	11/22/2024 11:53	SS
000083-33-0	**1H-Inden-1-one, 2,3-dihydro...**	**16.4**	J	ug/L			1	EPA 8270D Certifications:	11/21/2024 08:22	11/22/2024 11:53	SS
NA	**1H-Indene, 1-methyl- isomer...**	**35.5**	J	ug/L			1	EPA 8270D Certifications:	11/21/2024 08:22	11/22/2024 11:53	SS
NA	**1-Methylindan-2-one isomer ... (01)**	**13.9**	J	ug/L			1	EPA 8270D Certifications:	11/21/2024 08:22	11/22/2024 11:53	SS
NA	**1-Methylindan-2-one isomer ... (02)**	**19.5**	J	ug/L			1	EPA 8270D Certifications:	11/21/2024 08:22	11/22/2024 11:53	SS
NA	**Acetic acid, (2,4-xylyl)- i...**	**10.5**	J	ug/L			1	EPA 8270D Certifications:	11/21/2024 08:22	11/22/2024 11:53	SS
NA	**Benzene, 1,2,3-trimethyl-is...**	**255**	J	ug/L			1	EPA 8270D Certifications:	11/21/2024 08:22	11/22/2024 11:53	SS
NA	**Benzene, 1,2-diethyl- Benze...**	**13.2**	J	ug/L			1	EPA 8270D Certifications:	11/21/2024 08:22	11/22/2024 11:53	SS
NA	**Benzene, 1,2-diethyl- isome...**	**17.2**	J	ug/L			1	EPA 8270D Certifications:	11/21/2024 08:22	11/22/2024 11:53	SS

Sample Information

Client Sample ID: **Dup** **York Sample ID:** **24K1288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
000622-97-9	**Benzene, 1-ethenyl-4-methyl...**	**54.3**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:			
NA	**Benzene, 2-butenyl- 2-Buten...**	**34.2**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:			
000934-80-5	**Benzene, 4-ethyl-1,2-dimeth... (01)**	**14.4**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:			
000934-80-5	**Benzene, 4-ethyl-1,2-dimeth... (02)**	**12.4**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:			
NA	**Ethyl 4-methylbenzoate isom...**	**18.4**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:			
NA	**Indane isomer RT5.57**	**42.6**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:			
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
								Certifications:			

Metals, RCRA (no Hg) by 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.30**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**169**	M-CCV 1	ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**1.20**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**3.50**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	11/22/2024 08:20	11/22/2024 08:20	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24K1288-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:00 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Field Blank

York Sample ID: 24K1288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:00 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**1.52**		ug/L	1.34	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	**Acrolein**	**1.93**	B	ug/L	0.447	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.63**		ug/L	0.245	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**18.5**		ug/L	0.243	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24K1288-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:00 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24K1288-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:00 pm	11/18/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:05	PD
								Certifications:			

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.444	1.67	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.331	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.671	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.643	1.73	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.397	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.775	1.76	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.491	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.709	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.07	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24K1288-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:00 pm	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.832	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.699	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.652	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.747	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.974	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.217	3.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.832	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.860	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.25	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.09	7.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.94	7.26	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.312	7.56	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.473	3.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 17:19	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.02	3.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 17:19	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.236	3.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 17:19	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.350	3.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 17:19	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.718	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.69	7.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.05	7.56	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.30	7.15	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.662	7.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
919005-14-4	ADONA	ND		ng/L	0.501	7.15	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM

Sample Information

Client Sample ID: Field Blank

York Sample ID: 24K1288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:00 pm	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.879	1.83	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:19	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.813	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:19	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.92	4.73	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:19	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.93	23.6	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:19	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.95	23.6	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:19	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.77	18.9	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:19	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.49	1.89	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:19	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.77	18.9	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:19	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.70	1.89	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:19	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*121 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*133 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*132 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*141 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*155 %*	PFSu-H	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*175 %*	PFSu-H	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.41 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*71.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*134 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*140 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*131 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*181 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*152 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*117 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*188 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*181 %*	PFSu-H	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*167 %*	PFSu-H	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*157 %*	PFSu-H	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*117 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*106 %*		*25-150*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24K1288-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:00 pm	11/18/2024

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24K1288-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24K1288-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:32 pm	11/18/2024

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	**Acrolein**	**1.75**	B	ug/L	0.447	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24K1288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24K1288-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 01:38	PD
								Certifications:			

Analytical Batch Summary

Batch ID: BK41304 **Preparation Method:** EPA 3535A **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
24K1288-01	MW-1R	11/19/24
24K1288-02	MW-3R	11/19/24
24K1288-04	MW-5R	11/19/24
24K1288-05	Dup	11/19/24
BK41304-BLK1	Blank	11/19/24
BK41304-BS1	LCS	11/19/24

Batch ID: BK41344 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
24K1288-01	MW-1R	11/20/24
24K1288-02	MW-3R	11/20/24
24K1288-03	MW-4R	11/20/24
24K1288-04	MW-5R	11/20/24
24K1288-05	Dup	11/20/24
BK41344-BLK1	Blank	11/20/24
BK41344-BS1	LCS	11/20/24
BK41344-DUP1	Duplicate	11/20/24
BK41344-MS1	Matrix Spike	11/20/24

Batch ID: BK41404 **Preparation Method:** EPA 3535A **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
24K1288-03	MW-4R	11/20/24
BK41404-BS1	LCS	11/20/24
BK41404-MS1	Matrix Spike	11/20/24
BK41404-MSD1	Matrix Spike Dup	11/20/24

Batch ID: BK41436 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24K1288-04	MW-5R	11/21/24
24K1288-05	Dup	11/21/24
24K1288-05	Dup	11/21/24
BK41436-BLK2	Blank	11/21/24
BK41436-BS2	LCS	11/21/24

Batch ID: BK41471 **Preparation Method:** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24K1288-01	MW-1R	11/21/24
24K1288-02	MW-3R	11/21/24
24K1288-03	MW-4R	11/21/24

24K1288-04	MW-5R	11/21/24
24K1288-05	Dup	11/21/24
24K1288-06	Field Blank	11/21/24
24K1288-07	Trip Blank	11/21/24
BK41471-BLK1	Blank	11/21/24
BK41471-BS1	LCS	11/21/24
BK41471-BSD1	LCS Dup	11/21/24
BK41471-MS1	Matrix Spike	11/21/24
BK41471-MSD1	Matrix Spike Dup	11/21/24

Batch ID: BK41529 **Preparation Method:** EPA 3510C **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
24K1288-01	MW-1R	11/22/24
24K1288-01	MW-1R	11/22/24
24K1288-02	MW-3R	11/22/24
24K1288-02	MW-3R	11/22/24
24K1288-03	MW-4R	11/22/24
24K1288-03	MW-4R	11/22/24
24K1288-04	MW-5R	11/22/24
24K1288-04	MW-5R	11/22/24
BK41529-BLK1	Blank	11/22/24
BK41529-BLK1	Blank	11/22/24
BK41529-BLK2	Blank	11/22/24
BK41529-BS1	LCS	11/22/24
BK41529-BS2	LCS	11/22/24
BK41529-BSD1	LCS Dup	11/22/24
BK41529-MS1	Matrix Spike	11/22/24
BK41529-MSD1	Matrix Spike Dup	11/22/24

Batch ID: BK41534 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24K1288-01	MW-1R	11/22/24
24K1288-02	MW-3R	11/22/24
24K1288-03	MW-4R	11/22/24
24K1288-04	MW-5R	11/22/24
24K1288-05	Dup	11/22/24
BK41534-BLK1	Blank	11/22/24
BK41534-BS1	LCS	11/22/24
BK41534-DUP1	Duplicate	11/22/24
BK41534-MS1	Matrix Spike	11/22/24
BK41534-MSD1	Matrix Spike Dup	11/22/24

Batch ID: BK41561 **Preparation Method:** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24K1288-02RE1	MW-3R	11/22/24
BK41561-BLK1	Blank	11/22/24
BK41561-BS1	LCS	11/22/24

Batch ID: BK41562 **Preparation Method:** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24K1288-05RE1	Dup	11/22/24
BK41562-BLK1	Blank	11/22/24
BK41562-BS1	LCS	11/22/24
BK41562-BSD1	LCS Dup	11/22/24

Batch ID: BK41619 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
24K1288-01	MW-1R	11/23/24
24K1288-02	MW-3R	11/23/24
24K1288-03	MW-4R	11/23/24
24K1288-04	MW-5R	11/23/24
24K1288-05	Dup	11/23/24
24K1288-06	Field Blank	11/23/24
BK41619-BLK1	Blank	11/23/24
BK41619-BS1	LCS	11/23/24
BK41619-BS2	LCS	11/23/24
BK41619-MS1	Matrix Spike	11/23/24
BK41619-MSD1	Matrix Spike Dup	11/23/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41471 - EPA 5030B											
Blank (BK41471-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	0.310	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	0.720	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Prepared & Analyzed: 11/21/2024

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41471 - EPA 5030B											
Blank (BK41471-BLK1)									Prepared & Analyzed: 11/21/2024		
Methylene chloride	0.620	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.58*		*"*	*10.0*		*95.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				
LCS (BK41471-BS1)									Prepared & Analyzed: 11/21/2024		
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126				
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136				
1,1,2,2-Tetrachloroethane	9.82		"	10.0		98.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165				
1,1,2-Trichloroethane	9.79		"	10.0		97.9	82-123				
1,1-Dichloroethane	10.0		"	10.0		100	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,2,3-Trichlorobenzene	8.71		"	10.0		87.1	76-136				
1,2,3-Trichloropropane	9.90		"	10.0		99.0	77-128				
1,2,4-Trichlorobenzene	9.26		"	10.0		92.6	76-137				
1,2,4-Trimethylbenzene	10.9		"	10.0		109	82-132				
1,2-Dibromo-3-chloropropane	9.62		"	10.0		96.2	45-147				
1,2-Dibromoethane	9.83		"	10.0		98.3	83-124				
1,2-Dichlorobenzene	9.86		"	10.0		98.6	79-123				
1,2-Dichloroethane	9.77		"	10.0		97.7	73-132				
1,2-Dichloropropane	10.7		"	10.0		107	78-126				
1,3,5-Trimethylbenzene	10.9		"	10.0		109	80-131				
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122				
1,4-Dichlorobenzene	9.87		"	10.0		98.7	85-124				
1,4-Dioxane	189		"	210		89.9	10-349				
2-Butanone	9.16		"	10.0		91.6	49-152				
2-Hexanone	9.31		"	10.0		93.1	51-146				
4-Methyl-2-pentanone	10.1		"	10.0		101	57-145				
Acetone	7.83		"	10.0		78.3	14-150				
Acrolein	9.33		"	10.0		93.3	10-153				
Acrylonitrile	10.2		"	10.0		102	51-150				
Benzene	10.5		"	10.0		105	85-126				
Bromochloromethane	10.1		"	10.0		101	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41471 - EPA 5030B											
LCS (BK41471-BS1)								Prepared & Analyzed: 11/21/2024			
Bromodichloromethane	10.3		ug/L	10.0		103	79-128				
Bromoform	9.35		"	10.0		93.5	78-133				
Bromomethane	6.77		"	10.0		67.7	43-168				
Carbon disulfide	9.97		"	10.0		99.7	68-146				
Carbon tetrachloride	10.2		"	10.0		102	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	8.69		"	10.0		86.9	65-136				
Chloroform	9.98		"	10.0		99.8	82-128				
Chloromethane	5.87		"	10.0		58.7	43-155				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Cyclohexane	10.8		"	10.0		108	63-149				
Dibromochloromethane	9.90		"	10.0		99.0	80-130				
Dibromomethane	9.67		"	10.0		96.7	72-134				
Dichlorodifluoromethane	3.11		"	10.0		31.1	44-144	Low Bias			
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	9.87		"	10.0		98.7	67-146				
Isopropylbenzene	10.9		"	10.0		109	76-140				
Methyl acetate	9.13		"	10.0		91.3	51-139				
Methyl tert-butyl ether (MTBE)	9.25		"	10.0		92.5	76-135				
Methylcyclohexane	10.4		"	10.0		104	72-143				
Methylene chloride	11.0		"	10.0		110	55-137				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	10.8		"	10.0		108	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	21.1		"	20.0		105	77-133				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	10.7		"	10.0		107	79-137				
Styrene	10.5		"	10.0		105	67-132				
tert-Butyl alcohol (TBA)	43.8		"	50.0		87.7	25-162				
tert-Butylbenzene	10.5		"	10.0		105	77-138				
Tetrachloroethylene	5.29		"	10.0		52.9	82-131	Low Bias			
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	9.99		"	10.0		99.9	78-131				
Trichloroethylene	11.1		"	10.0		111	82-128				
Trichlorofluoromethane	8.65		"	10.0		86.5	67-139				
Vinyl Chloride	6.82		"	10.0		68.2	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.38*		*"*	*10.0*		*93.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41471 - EPA 5030B											
LCS Dup (BK41471-BSD1)								Prepared & Analyzed: 11/21/2024			
1,1,1,2-Tetrachloroethane	9.68		ug/L	10.0		96.8	82-126		3.55	30	
1,1,1-Trichloroethane	9.29		"	10.0		92.9	78-136		7.56	30	
1,1,2,2-Tetrachloroethane	9.68		"	10.0		96.8	76-129		1.44	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.38		"	10.0		93.8	54-165		11.6	30	
1,1,2-Trichloroethane	9.61		"	10.0		96.1	82-123		1.86	30	
1,1-Dichloroethane	9.61		"	10.0		96.1	82-129		4.08	30	
1,1-Dichloroethylene	9.76		"	10.0		97.6	68-138		8.63	30	
1,2,3-Trichlorobenzene	7.96		"	10.0		79.6	76-136		9.00	30	
1,2,3-Trichloropropane	9.68		"	10.0		96.8	77-128		2.25	30	
1,2,4-Trichlorobenzene	8.99		"	10.0		89.9	76-137		2.96	30	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132		3.94	30	
1,2-Dibromo-3-chloropropane	9.49		"	10.0		94.9	45-147		1.36	30	
1,2-Dibromoethane	9.63		"	10.0		96.3	83-124		2.06	30	
1,2-Dichlorobenzene	9.55		"	10.0		95.5	79-123		3.19	30	
1,2-Dichloroethane	9.66		"	10.0		96.6	73-132		1.13	30	
1,2-Dichloropropane	10.2		"	10.0		102	78-126		4.21	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		4.97	30	
1,3-Dichlorobenzene	9.70		"	10.0		97.0	86-122		3.25	30	
1,4-Dichlorobenzene	9.62		"	10.0		96.2	85-124		2.57	30	
1,4-Dioxane	226		"	210		108	10-349		18.1	30	
2-Butanone	9.33		"	10.0		93.3	49-152		1.84	30	
2-Hexanone	9.54		"	10.0		95.4	51-146		2.44	30	
4-Methyl-2-pentanone	9.92		"	10.0		99.2	57-145		1.50	30	
Acetone	8.07		"	10.0		80.7	14-150		3.02	30	
Acrolein	8.18		"	10.0		81.8	10-153		13.1	30	
Acrylonitrile	10.0		"	10.0		100	51-150		1.68	30	
Benzene	10.1		"	10.0		101	85-126		3.98	30	
Bromochloromethane	9.86		"	10.0		98.6	77-128		2.01	30	
Bromodichloromethane	10.0		"	10.0		100	79-128		2.56	30	
Bromoform	9.58		"	10.0		95.8	78-133		2.43	30	
Bromomethane	7.85		"	10.0		78.5	43-168		14.8	30	
Carbon disulfide	9.21		"	10.0		92.1	68-146		7.92	30	
Carbon tetrachloride	9.36		"	10.0		93.6	77-141		8.20	30	
Chlorobenzene	9.84		"	10.0		98.4	88-120		3.69	30	
Chloroethane	8.13		"	10.0		81.3	65-136		6.66	30	
Chloroform	9.63		"	10.0		96.3	82-128		3.57	30	
Chloromethane	5.12		"	10.0		51.2	43-155		13.6	30	
cis-1,2-Dichloroethylene	9.91		"	10.0		99.1	83-129		3.76	30	
cis-1,3-Dichloropropylene	9.90		"	10.0		99.0	80-131		1.60	30	
Cyclohexane	9.64		"	10.0		96.4	63-149		11.0	30	
Dibromochloromethane	9.70		"	10.0		97.0	80-130		2.04	30	
Dibromomethane	9.42		"	10.0		94.2	72-134		2.62	30	
Dichlorodifluoromethane	2.68		"	10.0		26.8	44-144	Low Bias	14.9	30	
Ethyl Benzene	10.2		"	10.0		102	80-131		4.96	30	
Hexachlorobutadiene	9.46		"	10.0		94.6	67-146		4.24	30	
Isopropylbenzene	10.2		"	10.0		102	76-140		6.06	30	
Methyl acetate	9.19		"	10.0		91.9	51-139		0.655	30	
Methyl tert-butyl ether (MTBE)	9.22		"	10.0		92.2	76-135		0.325	30	
Methylcyclohexane	9.62		"	10.0		96.2	72-143		8.18	30	
Methylene chloride	10.8		"	10.0		108	55-137		1.74	30	
n-Butylbenzene	10.4		"	10.0		104	79-132		4.88	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41471 - EPA 5030B											
LCS Dup (BK41471-BSD1)								Prepared & Analyzed: 11/21/2024			
n-Propylbenzene	10.3		ug/L	10.0		103	78-133		5.50	30	
o-Xylene	10.0		"	10.0		100	78-130		3.71	30	
p- & m- Xylenes	20.1		"	20.0		100	77-133		4.86	30	
p-Isopropyltoluene	10.3		"	10.0		103	81-136		5.01	30	
sec-Butylbenzene	10.2		"	10.0		102	79-137		5.08	30	
Styrene	10.1		"	10.0		101	67-132		3.21	30	
tert-Butyl alcohol (TBA)	47.8		"	50.0		95.5	25-162		8.54	30	
tert-Butylbenzene	9.93		"	10.0		99.3	77-138		5.29	30	
Tetrachloroethylene	4.88		"	10.0		48.8	82-131	Low Bias	8.06	30	
Toluene	10.1		"	10.0		101	80-127		5.28	30	
trans-1,2-Dichloroethylene	9.87		"	10.0		98.7	80-132		5.33	30	
trans-1,3-Dichloropropylene	9.96		"	10.0		99.6	78-131		0.301	30	
Trichloroethylene	10.4		"	10.0		104	82-128		5.95	30	
Trichlorofluoromethane	7.74		"	10.0		77.4	67-139		11.1	30	
Vinyl Chloride	6.33		"	10.0		63.3	58-145		7.45	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.65*		*"*	*10.0*		*96.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				
Matrix Spike (BK41471-MS1)	*Source sample: 24K1288-03 (MW-4R)							Prepared & Analyzed: 11/21/2024			
1,1,1,2-Tetrachloroethane	12.3		ug/L	10.0	0.00	123	45-161				
1,1,1-Trichloroethane	13.1		"	10.0	0.00	131	70-146				
1,1,2,2-Tetrachloroethane	13.5		"	10.0	0.00	135	74-121	High Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.5		"	10.0	0.00	125	21-217				
1,1,2-Trichloroethane	11.7		"	10.0	0.00	117	59-146				
1,1-Dichloroethane	12.8		"	10.0	0.00	128	54-146				
1,1-Dichloroethylene	14.4		"	10.0	0.00	144	44-165				
1,2,3-Trichlorobenzene	8.41		"	10.0	0.00	84.1	40-161				
1,2,3-Trichloropropane	20.6		"	10.0	0.00	206	74-127	High Bias			
1,2,4-Trichlorobenzene	9.43		"	10.0	0.00	94.3	41-161				
1,2,4-Trimethylbenzene	13.9		"	10.0	1.57	123	72-129				
1,2-Dibromo-3-chloropropane	14.5		"	10.0	0.00	145	31-151				
1,2-Dibromoethane	11.7		"	10.0	0.00	117	75-125				
1,2-Dichlorobenzene	11.4		"	10.0	0.00	114	63-122				
1,2-Dichloroethane	11.9		"	10.0	0.00	119	68-131				
1,2-Dichloropropane	13.3		"	10.0	0.00	133	77-121	High Bias			
1,3,5-Trimethylbenzene	12.6		"	10.0	0.00	126	69-126				
1,3-Dichlorobenzene	11.1		"	10.0	0.00	111	74-119				
1,4-Dichlorobenzene	11.0		"	10.0	0.00	110	70-124				
1,4-Dioxane	255		"	210	0.00	121	10-310				
2-Butanone	11.2		"	10.0	0.00	112	10-193				
2-Hexanone	10.7		"	10.0	0.00	107	53-133				
4-Methyl-2-pentanone	12.6		"	10.0	0.00	126	38-150				
Acetone	10.2		"	10.0	1.65	85.6	13-149				
Acrolein	13.1		"	10.0	1.06	121	10-195				
Acrylonitrile	11.9		"	10.0	0.00	119	37-165				
Benzene	13.2		"	10.0	0.00	132	38-155				
Bromochloromethane	12.2		"	10.0	0.00	122	75-121	High Bias			
Bromodichloromethane	12.5		"	10.0	0.00	125	70-129				
Bromoform	11.3		"	10.0	0.00	113	66-136				
Bromomethane	7.53		"	10.0	0.00	75.3	30-158				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41471 - EPA 5030B											
Matrix Spike (BK41471-MS1)	*Source sample: 24K1288-03 (MW-4R)							Prepared & Analyzed: 11/21/2024			
Carbon disulfide	13.5		ug/L	10.0	0.00	135	10-138				
Carbon tetrachloride	13.5		"	10.0	0.00	135	71-146				
Chlorobenzene	12.5		"	10.0	0.00	125	81-117	High Bias			
Chloroethane	12.1		"	10.0	0.00	121	51-145				
Chloroform	12.4		"	10.0	0.00	124	80-124				
Chloromethane	8.43		"	10.0	0.00	84.3	16-163				
cis-1,2-Dichloroethylene	12.6		"	10.0	0.00	126	76-125	High Bias			
cis-1,3-Dichloropropylene	11.9		"	10.0	0.00	119	58-131				
Cyclohexane	14.0		"	10.0	0.00	140	70-130	High Bias			
Dibromochloromethane	11.8		"	10.0	0.00	118	71-129				
Dibromomethane	11.6		"	10.0	0.00	116	76-120				
Dichlorodifluoromethane	5.02		"	10.0	0.00	50.2	30-147				
Ethyl Benzene	13.1		"	10.0	0.00	131	72-128	High Bias			
Hexachlorobutadiene	10.1		"	10.0	0.00	101	34-166				
Isopropylbenzene	19.3		"	10.0	6.04	133	66-139				
Methyl acetate	11.1		"	10.0	0.00	111	10-200				
Methyl tert-butyl ether (MTBE)	11.2		"	10.0	0.00	112	75-128				
Methylcyclohexane	12.1		"	10.0	0.00	121	70-130				
Methylene chloride	12.5		"	10.0	0.00	125	57-128				
n-Butylbenzene	22.2		"	10.0	11.0	112	61-138				
n-Propylbenzene	25.1		"	10.0	12.9	122	66-134				
o-Xylene	12.7		"	10.0	0.00	127	69-126	High Bias			
p- & m- Xylenes	25.2		"	20.0	0.00	126	67-130				
p-Isopropyltoluene	12.0		"	10.0	0.00	120	64-137				
sec-Butylbenzene	38.2		"	10.0	25.7	125	53-155				
Styrene	12.2		"	10.0	0.00	122	69-125				
tert-Butyl alcohol (TBA)	50.0		"	50.0	0.00	99.9	10-130				
tert-Butylbenzene	17.4		"	10.0	4.66	128	65-139				
Tetrachloroethylene	6.07		"	10.0	0.00	60.7	64-139	Low Bias			
Toluene	13.2		"	10.0	0.00	132	76-123	High Bias			
trans-1,2-Dichloroethylene	13.4		"	10.0	0.00	134	79-131	High Bias			
trans-1,3-Dichloropropylene	11.7		"	10.0	0.00	117	55-130				
Trichloroethylene	12.3		"	10.0	0.00	123	53-145				
Trichlorofluoromethane	11.9		"	10.0	0.00	119	61-142				
Vinyl Chloride	10.4		"	10.0	0.00	104	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.23*		*"*	*10.0*		*92.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.99*		*"*	*10.0*		*99.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*15.8*		*"*	*10.0*		*158*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41471 - EPA 5030B											
Matrix Spike Dup (BK41471-MSD1)	*Source sample: 24K1288-03 (MW-4R)								Prepared: 11/21/2024 Analyzed: 11/22/2024		
1,1,1,2-Tetrachloroethane	12.6		ug/L	10.0	0.00	126	45-161		2.65	30	
1,1,1-Trichloroethane	13.4		"	10.0	0.00	134	70-146		2.27	30	
1,1,2,2-Tetrachloroethane	14.1		"	10.0	0.00	141	74-121	High Bias	4.06	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0	0.00	111	21-217		11.6	30	
1,1,2-Trichloroethane	12.2		"	10.0	0.00	122	59-146		4.35	30	
1,1-Dichloroethane	13.2		"	10.0	0.00	132	54-146		2.54	30	
1,1-Dichloroethylene	14.3		"	10.0	0.00	143	44-165		0.418	30	
1,2,3-Trichlorobenzene	9.54		"	10.0	0.00	95.4	40-161		12.6	30	
1,2,3-Trichloropropane	19.2		"	10.0	0.00	192	74-127	High Bias	7.34	30	
1,2,4-Trichlorobenzene	9.41		"	10.0	0.00	94.1	41-161		0.212	30	
1,2,4-Trimethylbenzene	13.0		"	10.0	1.57	114	72-129		6.55	30	
1,2-Dibromo-3-chloropropane	15.1		"	10.0	0.00	151	31-151		3.72	30	
1,2-Dibromoethane	12.1		"	10.0	0.00	121	75-125		3.46	30	
1,2-Dichlorobenzene	11.0		"	10.0	0.00	110	63-122		3.22	30	
1,2-Dichloroethane	12.3		"	10.0	0.00	123	68-131		3.31	30	
1,2-Dichloropropane	13.6		"	10.0	0.00	136	77-121	High Bias	2.83	30	
1,3,5-Trimethylbenzene	11.8		"	10.0	0.00	118	69-126		6.80	30	
1,3-Dichlorobenzene	10.5		"	10.0	0.00	105	74-119		6.12	30	
1,4-Dichlorobenzene	10.3		"	10.0	0.00	103	70-124		6.19	30	
1,4-Dioxane	277		"	210	0.00	132	10-310		8.50	30	
2-Butanone	11.6		"	10.0	0.00	116	10-193		3.86	30	
2-Hexanone	11.4		"	10.0	0.00	114	53-133		6.77	30	
4-Methyl-2-pentanone	13.4		"	10.0	0.00	134	38-150		6.13	30	
Acetone	10.7		"	10.0	1.65	90.1	13-149		4.31	30	
Acrolein	13.8		"	10.0	1.06	128	10-195		5.34	30	
Acrylonitrile	12.5		"	10.0	0.00	125	37-165		4.51	30	
Benzene	13.6		"	10.0	0.00	136	38-155		3.21	30	
Bromochloromethane	12.6		"	10.0	0.00	126	75-121	High Bias	3.16	30	
Bromodichloromethane	12.9		"	10.0	0.00	129	70-129		3.22	30	
Bromoform	12.0		"	10.0	0.00	120	66-136		5.94	30	
Bromomethane	9.69		"	10.0	0.00	96.9	30-158		25.1	30	
Carbon disulfide	13.0		"	10.0	0.00	130	10-138		3.62	30	
Carbon tetrachloride	13.5		"	10.0	0.00	135	71-146		0.519	30	
Chlorobenzene	12.5		"	10.0	0.00	125	81-117	High Bias	0.0801	30	
Chloroethane	12.2		"	10.0	0.00	122	51-145		0.578	30	
Chloroform	12.8		"	10.0	0.00	128	80-124	High Bias	3.81	30	
Chloromethane	8.38		"	10.0	0.00	83.8	16-163		0.595	30	
cis-1,2-Dichloroethylene	13.0		"	10.0	0.00	130	76-125	High Bias	2.81	30	
cis-1,3-Dichloropropylene	12.4		"	10.0	0.00	124	58-131		3.38	30	
Cyclohexane	13.4		"	10.0	0.00	134	70-130	High Bias	4.89	30	
Dibromochloromethane	12.4		"	10.0	0.00	124	71-129		4.81	30	
Dibromomethane	11.9		"	10.0	0.00	119	76-120		2.39	30	
Dichlorodifluoromethane	4.38		"	10.0	0.00	43.8	30-147		13.6	30	
Ethyl Benzene	13.0		"	10.0	0.00	130	72-128	High Bias	1.07	30	
Hexachlorobutadiene	9.32		"	10.0	0.00	93.2	34-166		8.43	30	
Isopropylbenzene	18.5		"	10.0	6.04	124	66-139		4.55	30	
Methyl acetate	11.6		"	10.0	0.00	116	10-200		5.20	30	
Methyl tert-butyl ether (MTBE)	11.8		"	10.0	0.00	118	75-128		5.13	30	
Methylcyclohexane	10.9		"	10.0	0.00	109	70-130		10.1	30	
Methylene chloride	12.9		"	10.0	0.00	129	57-128	High Bias	3.07	30	
n-Butylbenzene	20.3		"	10.0	11.0	93.2	61-138		8.85	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41471 - EPA 5030B											
Matrix Spike Dup (BK41471-MSD1)	*Source sample: 24K1288-03 (MW-4R)								Prepared: 11/21/2024 Analyzed: 11/22/2024		
n-Propylbenzene	23.6		ug/L	10.0	12.9	107	66-134		6.32	30	
o-Xylene	12.7		"	10.0	0.00	127	69-126	High Bias	0.158	30	
p- & m- Xylenes	24.7		"	20.0	0.00	123	67-130		2.20	30	
p-Isopropyltoluene	10.9		"	10.0	0.00	109	64-137		9.18	30	
sec-Butylbenzene	36.2		"	10.0	25.7	105	53-155		5.45	30	
Styrene	12.2		"	10.0	0.00	122	69-125		0.327	30	
tert-Butyl alcohol (TBA)	53.9		"	50.0	0.00	108	10-130		7.66	30	
tert-Butylbenzene	16.7		"	10.0	4.66	120	65-139		4.45	30	
Tetrachloroethylene	5.62		"	10.0	0.00	56.2	64-139	Low Bias	7.70	30	
Toluene	13.3		"	10.0	0.00	133	76-123	High Bias	0.681	30	
trans-1,2-Dichloroethylene	13.3		"	10.0	0.00	133	79-131	High Bias	0.450	30	
trans-1,3-Dichloropropylene	12.2		"	10.0	0.00	122	55-130		3.85	30	
Trichloroethylene	12.1		"	10.0	0.00	121	53-145		1.72	30	
Trichlorofluoromethane	11.5		"	10.0	0.00	115	61-142		3.93	30	
Vinyl Chloride	10.4		"	10.0	0.00	104	31-165		0.288	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.33*		*"*	*10.0*		*93.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*15.5*		*"*	*10.0*		*155*	*79-122*				
Batch BK41561 - EPA 5030B											
Blank (BK41561-BLK1)									Prepared & Analyzed: 11/22/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41561 - EPA 5030B											
Blank (BK41561-BLK1)											
Prepared & Analyzed: 11/22/2024											
Bromodichloromethane	ND	0.500	ug/L								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.58*		*"*	*10.0*		*95.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.29*		*"*	*10.0*		*92.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41561 - EPA 5030B											
LCS (BK41561-BS1)							Prepared & Analyzed: 11/22/2024				
1,1,1,2-Tetrachloroethane	9.00		ug/L	10.0		90.0	82-126				
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136				
1,1,2,2-Tetrachloroethane	8.42		"	10.0		84.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.6		"	10.0		126	54-165				
1,1,2-Trichloroethane	8.50		"	10.0		85.0	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	12.4		"	10.0		124	68-138				
1,2,3-Trichlorobenzene	7.89		"	10.0		78.9	76-136				
1,2,3-Trichloropropane	7.94		"	10.0		79.4	77-128				
1,2,4-Trichlorobenzene	8.32		"	10.0		83.2	76-137				
1,2,4-Trimethylbenzene	9.16		"	10.0		91.6	82-132				
1,2-Dibromo-3-chloropropane	8.48		"	10.0		84.8	45-147				
1,2-Dibromoethane	8.40		"	10.0		84.0	83-124				
1,2-Dichlorobenzene	8.63		"	10.0		86.3	79-123				
1,2-Dichloroethane	9.80		"	10.0		98.0	73-132				
1,2-Dichloropropane	9.03		"	10.0		90.3	78-126				
1,3,5-Trimethylbenzene	9.65		"	10.0		96.5	80-131				
1,3-Dichlorobenzene	8.72		"	10.0		87.2	86-122				
1,4-Dichlorobenzene	8.62		"	10.0		86.2	85-124				
1,4-Dioxane	245		"	210		117	10-349				
2-Butanone	8.48		"	10.0		84.8	49-152				
2-Hexanone	6.41		"	10.0		64.1	51-146				
4-Methyl-2-pentanone	7.23		"	10.0		72.3	57-145				
Acetone	5.81		"	10.0		58.1	14-150				
Acrolein	4.53		"	10.0		45.3	10-153				
Acrylonitrile	10.2		"	10.0		102	51-150				
Benzene	11.6		"	10.0		116	85-126				
Bromochloromethane	9.52		"	10.0		95.2	77-128				
Bromodichloromethane	8.76		"	10.0		87.6	79-128				
Bromoform	8.41		"	10.0		84.1	78-133				
Bromomethane	4.55		"	10.0		45.5	43-168				
Carbon disulfide	14.0		"	10.0		140	68-146				
Carbon tetrachloride	11.0		"	10.0		110	77-141				
Chlorobenzene	9.28		"	10.0		92.8	88-120				
Chloroethane	11.7		"	10.0		117	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	7.62		"	10.0		76.2	43-155				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	8.47		"	10.0		84.7	80-131				
Cyclohexane	11.5		"	10.0		115	63-149				
Dibromochloromethane	8.39		"	10.0		83.9	80-130				
Dibromomethane	8.46		"	10.0		84.6	72-134				
Dichlorodifluoromethane	6.93		"	10.0		69.3	44-144				
Ethyl Benzene	9.93		"	10.0		99.3	80-131				
Hexachlorobutadiene	8.73		"	10.0		87.3	67-146				
Isopropylbenzene	9.48		"	10.0		94.8	76-140				
Methyl acetate	8.23		"	10.0		82.3	51-139				
Methyl tert-butyl ether (MTBE)	9.11		"	10.0		91.1	76-135				
Methylcyclohexane	9.94		"	10.0		99.4	72-143				
Methylene chloride	10.8		"	10.0		108	55-137				
n-Butylbenzene	9.69		"	10.0		96.9	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41561 - EPA 5030B											
LCS (BK41561-BS1)								Prepared & Analyzed: 11/22/2024			
n-Propylbenzene	9.58		ug/L	10.0		95.8	78-133				
o-Xylene	9.48		"	10.0		94.8	78-130				
p- & m- Xylenes	17.1		"	20.0		85.4	77-133				
p-Isopropyltoluene	9.73		"	10.0		97.3	81-136				
sec-Butylbenzene	9.61		"	10.0		96.1	79-137				
Styrene	9.46		"	10.0		94.6	67-132				
tert-Butyl alcohol (TBA)	18.0		"	50.0		36.1	25-162				
tert-Butylbenzene	9.21		"	10.0		92.1	77-138				
Tetrachloroethylene	5.63		"	10.0		56.3	82-131	Low Bias			
Toluene	9.96		"	10.0		99.6	80-127				
trans-1,2-Dichloroethylene	11.2		"	10.0		112	80-132				
trans-1,3-Dichloropropylene	8.47		"	10.0		84.7	78-131				
Trichloroethylene	9.32		"	10.0		93.2	82-128				
Trichlorofluoromethane	9.32		"	10.0		93.2	67-139				
Vinyl Chloride	9.99		"	10.0		99.9	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.03*		*"*	*10.0*		*90.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.37*		*"*	*10.0*		*93.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.78*		*"*	*10.0*		*97.8*	*79-122*				
Batch BK41562 - EPA 5030B											
Blank (BK41562-BLK1)								Prepared & Analyzed: 11/22/2024			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	0.330	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	0.840	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41562 - EPA 5030B											
Blank (BK41562-BLK1)											
Prepared & Analyzed: 11/22/2024											
Bromodichloromethane	ND	0.500	ug/L								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41562 - EPA 5030B											
LCS (BK41562-BS1)							Prepared & Analyzed: 11/22/2024				
1,1,1,2-Tetrachloroethane	9.57		ug/L	10.0		95.7	82-126				
1,1,1-Trichloroethane	9.91		"	10.0		99.1	78-136				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.3		"	10.0		123	54-165				
1,1,2-Trichloroethane	9.60		"	10.0		96.0	82-123				
1,1-Dichloroethane	9.84		"	10.0		98.4	82-129				
1,1-Dichloroethylene	11.6		"	10.0		116	68-138				
1,2,3-Trichlorobenzene	9.74		"	10.0		97.4	76-136				
1,2,3-Trichloropropane	9.54		"	10.0		95.4	77-128				
1,2,4-Trichlorobenzene	10.0		"	10.0		100	76-137				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132				
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	45-147				
1,2-Dibromoethane	9.75		"	10.0		97.5	83-124				
1,2-Dichlorobenzene	9.51		"	10.0		95.1	79-123				
1,2-Dichloroethane	9.91		"	10.0		99.1	73-132				
1,2-Dichloropropane	10.2		"	10.0		102	78-126				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131				
1,3-Dichlorobenzene	9.55		"	10.0		95.5	86-122				
1,4-Dichlorobenzene	9.47		"	10.0		94.7	85-124				
1,4-Dioxane	233		"	210		111	10-349				
2-Butanone	9.85		"	10.0		98.5	49-152				
2-Hexanone	9.67		"	10.0		96.7	51-146				
4-Methyl-2-pentanone	10.3		"	10.0		103	57-145				
Acetone	7.87		"	10.0		78.7	14-150				
Acrolein	10.5		"	10.0		105	10-153				
Acrylonitrile	10.9		"	10.0		109	51-150				
Benzene	10.2		"	10.0		102	85-126				
Bromochloromethane	10.1		"	10.0		101	77-128				
Bromodichloromethane	9.81		"	10.0		98.1	79-128				
Bromoform	9.57		"	10.0		95.7	78-133				
Bromomethane	10.6		"	10.0		106	43-168				
Carbon disulfide	11.7		"	10.0		117	68-146				
Carbon tetrachloride	10.2		"	10.0		102	77-141				
Chlorobenzene	9.67		"	10.0		96.7	88-120				
Chloroethane	9.90		"	10.0		99.0	65-136				
Chloroform	9.58		"	10.0		95.8	82-128				
Chloromethane	8.10		"	10.0		81.0	43-155				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129				
cis-1,3-Dichloropropylene	9.92		"	10.0		99.2	80-131				
Cyclohexane	11.9		"	10.0		119	63-149				
Dibromochloromethane	9.79		"	10.0		97.9	80-130				
Dibromomethane	9.52		"	10.0		95.2	72-134				
Dichlorodifluoromethane	9.25		"	10.0		92.5	44-144				
Ethyl Benzene	10.1		"	10.0		101	80-131				
Hexachlorobutadiene	10.8		"	10.0		108	67-146				
Isopropylbenzene	9.89		"	10.0		98.9	76-140				
Methyl acetate	9.86		"	10.0		98.6	51-139				
Methyl tert-butyl ether (MTBE)	9.84		"	10.0		98.4	76-135				
Methylcyclohexane	11.5		"	10.0		115	72-143				
Methylene chloride	10.2		"	10.0		102	55-137				
n-Butylbenzene	11.1		"	10.0		111	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41562 - EPA 5030B											
LCS (BK41562-BS1)								Prepared & Analyzed: 11/22/2024			
n-Propylbenzene	10.1		ug/L	10.0		101	78-133				
o-Xylene	9.88		"	10.0		98.8	78-130				
p- & m- Xylenes	20.0		"	20.0		99.9	77-133				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	10.0		"	10.0		100	67-132				
tert-Butyl alcohol (TBA)	49.4		"	50.0		98.7	25-162				
tert-Butylbenzene	9.77		"	10.0		97.7	77-138				
Tetrachloroethylene	5.08		"	10.0		50.8	82-131	Low Bias			
Toluene	9.97		"	10.0		99.7	80-127				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131				
Trichloroethylene	9.43		"	10.0		94.3	82-128				
Trichlorofluoromethane	10.2		"	10.0		102	67-139				
Vinyl Chloride	9.68		"	10.0		96.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.84*		*"*	*10.0*		*98.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS Dup (BK41562-BSD1)								Prepared & Analyzed: 11/22/2024			
1,1,1,2-Tetrachloroethane	9.36		ug/L	10.0		93.6	82-126		2.22	30	
1,1,1-Trichloroethane	8.76		"	10.0		87.6	78-136		12.3	30	
1,1,2,2-Tetrachloroethane	12.0		"	10.0		120	76-129		9.93	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.60		"	10.0		96.0	54-165		24.3	30	
1,1,2-Trichloroethane	9.87		"	10.0		98.7	82-123		2.77	30	
1,1-Dichloroethane	8.84		"	10.0		88.4	82-129		10.7	30	
1,1-Dichloroethylene	9.57		"	10.0		95.7	68-138		18.9	30	
1,2,3-Trichlorobenzene	11.1		"	10.0		111	76-136		13.2	30	
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128		7.47	30	
1,2,4-Trichlorobenzene	10.6		"	10.0		106	76-137		5.35	30	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		1.97	30	
1,2-Dibromo-3-chloropropane	11.1		"	10.0		111	45-147		6.24	30	
1,2-Dibromoethane	10.1		"	10.0		101	83-124		3.13	30	
1,2-Dichlorobenzene	9.42		"	10.0		94.2	79-123		0.951	30	
1,2-Dichloroethane	9.91		"	10.0		99.1	73-132		0.00	30	
1,2-Dichloropropane	9.45		"	10.0		94.5	78-126		7.14	30	
1,3,5-Trimethylbenzene	10.0		"	10.0		100	80-131		2.37	30	
1,3-Dichlorobenzene	9.18		"	10.0		91.8	86-122		3.95	30	
1,4-Dichlorobenzene	9.14		"	10.0		91.4	85-124		3.55	30	
1,4-Dioxane	245		"	210		117	10-349		5.07	30	
2-Butanone	10.1		"	10.0		101	49-152		2.51	30	
2-Hexanone	10.8		"	10.0		108	51-146		10.9	30	
4-Methyl-2-pentanone	11.3		"	10.0		113	57-145		9.82	30	
Acetone	7.98		"	10.0		79.8	14-150		1.39	30	
Acrolein	9.98		"	10.0		99.8	10-153		4.89	30	
Acrylonitrile	10.9		"	10.0		109	51-150		0.550	30	
Benzene	9.63		"	10.0		96.3	85-126		6.14	30	
Bromochloromethane	9.58		"	10.0		95.8	77-128		5.68	30	
Bromodichloromethane	9.60		"	10.0		96.0	79-128		2.16	30	
Bromoform	10.3		"	10.0		103	78-133		7.54	30	
Bromomethane	10.4		"	10.0		104	43-168		1.62	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41562 - EPA 5030B											
LCS Dup (BK41562-BSD1)								Prepared & Analyzed: 11/22/2024			
Carbon disulfide	9.73		ug/L	10.0		97.3	68-146		18.1	30	
Carbon tetrachloride	8.96		"	10.0		89.6	77-141		13.4	30	
Chlorobenzene	9.35		"	10.0		93.5	88-120		3.36	30	
Chloroethane	8.59		"	10.0		85.9	65-136		14.2	30	
Chloroform	8.77		"	10.0		87.7	82-128		8.83	30	
Chloromethane	6.95		"	10.0		69.5	43-155		15.3	30	
cis-1,2-Dichloroethylene	9.23		"	10.0		92.3	83-129		11.0	30	
cis-1,3-Dichloropropylene	9.98		"	10.0		99.8	80-131		0.603	30	
Cyclohexane	9.93		"	10.0		99.3	63-149		18.0	30	
Dibromochloromethane	10.0		"	10.0		100	80-130		2.22	30	
Dibromomethane	9.56		"	10.0		95.6	72-134		0.419	30	
Dichlorodifluoromethane	7.21		"	10.0		72.1	44-144		24.8	30	
Ethyl Benzene	9.39		"	10.0		93.9	80-131		7.68	30	
Hexachlorobutadiene	9.91		"	10.0		99.1	67-146		8.41	30	
Isopropylbenzene	9.55		"	10.0		95.5	76-140		3.50	30	
Methyl acetate	9.67		"	10.0		96.7	51-139		1.95	30	
Methyl tert-butyl ether (MTBE)	9.79		"	10.0		97.9	76-135		0.509	30	
Methylcyclohexane	9.40		"	10.0		94.0	72-143		20.0	30	
Methylene chloride	9.49		"	10.0		94.9	55-137		7.11	30	
n-Butylbenzene	9.90		"	10.0		99.0	79-132		11.5	30	
n-Propylbenzene	9.65		"	10.0		96.5	78-133		4.75	30	
o-Xylene	9.31		"	10.0		93.1	78-130		5.94	30	
p- & m- Xylenes	18.5		"	20.0		92.5	77-133		7.69	30	
p-Isopropyltoluene	9.45		"	10.0		94.5	81-136		10.8	30	
sec-Butylbenzene	9.09		"	10.0		90.9	79-137		12.9	30	
Styrene	9.59		"	10.0		95.9	67-132		4.58	30	
tert-Butyl alcohol (TBA)	53.6		"	50.0		107	25-162		8.20	30	
tert-Butylbenzene	9.32		"	10.0		93.2	77-138		4.71	30	
Tetrachloroethylene	4.70		"	10.0		47.0	82-131	Low Bias	7.77	30	
Toluene	9.34		"	10.0		93.4	80-127		6.53	30	
trans-1,2-Dichloroethylene	9.21		"	10.0		92.1	80-132		13.9	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131		1.27	30	
Trichloroethylene	8.36		"	10.0		83.6	82-128		12.0	30	
Trichlorofluoromethane	8.03		"	10.0		80.3	67-139		23.5	30	
Vinyl Chloride	8.09		"	10.0		80.9	58-145		17.9	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.63*		*"*	*10.0*		*96.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41436 - EPA 3510C											
Blank (BK41436-BLK2)											Prepared & Analyzed: 11/21/2024
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BK41436-BS2)											Prepared & Analyzed: 11/21/2024
Acenaphthene	0.500	0.0500	ug/L	1.00		50.0	25-116				
Acenaphthylene	0.570	0.0500	"	1.00		57.0	26-116				
Anthracene	0.580	0.0500	"	1.00		58.0	25-123				
Benzo(a)anthracene	0.590	0.0500	"	1.00		59.0	33-125				
Benzo(a)pyrene	0.600	0.0500	"	1.00		60.0	32-132				
Benzo(b)fluoranthene	0.610	0.0500	"	1.00		61.0	22-137				
Benzo(g,h,i)perylene	0.470	0.0500	"	1.00		47.0	10-138				
Benzo(k)fluoranthene	0.650	0.0500	"	1.00		65.0	20-137				
Bis(2-ethylhexyl)phthalate	0.700	0.500	"	1.00		70.0	10-189				
Chrysene	0.530	0.0500	"	1.00		53.0	32-124				
Dibenzo(a,h)anthracene	0.460	0.0500	"	1.00		46.0	16-133				
Fluoranthene	0.610	0.0500	"	1.00		61.0	32-121				
Fluorene	0.560	0.0500	"	1.00		56.0	28-118				
Hexachlorobenzene	0.530	0.0200	"	1.00		53.0	23-124				
Hexachlorobutadiene	0.280	0.500	"	1.00		28.0	15-123				
Hexachloroethane	0.240	0.500	"	1.00		24.0	18-115				
Indeno(1,2,3-cd)pyrene	0.440	0.0500	"	1.00		44.0	15-135				
Naphthalene	0.440	0.0500	"	1.00		44.0	18-120				
Nitrobenzene	0.270	0.250	"	1.00		27.0	21-121				
N-Nitrosodimethylamine	0.170	0.500	"	1.00		17.0	10-124				
Pentachlorophenol	0.590	0.250	"	1.00		59.0	10-156				
Phenanthrene	0.560	0.0500	"	1.00		56.0	24-127				
Pyrene	0.580	0.0500	"	1.00		58.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41529 - EPA 3510C											
Blank (BK41529-BLK1)											Prepared: 11/22/2024 Analyzed: 11/25/2024
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41529 - EPA 3510C											
Blank (BK41529-BLK1)											Prepared: 11/22/2024 Analyzed: 11/25/2024
Surrogate: SURR: 2-Fluorophenol	*12.6*		*ug/L*	*50.0*		*25.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.82*		*"*	*50.0*		*15.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.9*		*"*	*25.0*		*51.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*5.44*		*"*	*25.0*		*21.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*32.7*		*"*	*50.0*		*65.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.4*		*"*	*25.0*		*69.8*	*30.7-106*				
Blank (BK41529-BLK2)											Prepared & Analyzed: 11/22/2024
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41529 - EPA 3510C											
LCS (BK41529-BS1)								Prepared & Analyzed: 11/22/2024			
1,1-Biphenyl	11.3	5.00	ug/L	25.0		45.4	33-95				
1,2,4,5-Tetrachlorobenzene	11.7	5.00	"	25.0		46.7	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	13.8	5.00	"	25.0		55.4	16-141				
2,3,4,6-Tetrachlorophenol	17.7	5.00	"	25.0		71.0	30-130				
2,4,5-Trichlorophenol	14.2	5.00	"	25.0		56.8	32-114				
2,4,6-Trichlorophenol	13.4	5.00	"	25.0		53.4	35-118				
2,4-Dichlorophenol	12.8	5.00	"	25.0		51.3	25-116				
2,4-Dimethylphenol	12.2	5.00	"	25.0		48.8	15-116				
2,4-Dinitrophenol	20.5	5.00	"	25.0		81.9	10-170				
2,4-Dinitrotoluene	15.7	5.00	"	25.0		62.6	41-128				
2,6-Dinitrotoluene	15.6	5.00	"	25.0		62.2	45-116				
2-Chloronaphthalene	10.6	5.00	"	25.0		42.5	33-112				
2-Chlorophenol	10.0	5.00	"	25.0		40.1	15-120				
2-Methylnaphthalene	10.2	5.00	"	25.0		40.6	24-118				
2-Methylphenol	9.83	5.00	"	25.0		39.3	10-110				
2-Nitroaniline	14.7	5.00	"	25.0		59.0	34-129				
2-Nitrophenol	13.3	5.00	"	25.0		53.2	28-118				
3- & 4-Methylphenols	8.28	5.00	"	25.0		33.1	10-107				
3,3-Dichlorobenzidine	10.3	5.00	"	25.0		41.1	15-187				
3-Nitroaniline	12.0	5.00	"	25.0		48.0	24-134				
4,6-Dinitro-2-methylphenol	18.5	5.00	"	25.0		73.9	10-153				
4-Bromophenyl phenyl ether	13.3	5.00	"	25.0		53.3	34-120				
4-Chloro-3-methylphenol	14.7	5.00	"	25.0		58.7	20-120				
4-Chloroaniline	7.62	5.00	"	25.0		30.5	10-147				
4-Chlorophenyl phenyl ether	12.2	5.00	"	25.0		48.8	27-121				
4-Nitroaniline	14.3	5.00	"	25.0		57.1	13-134				
4-Nitrophenol	6.28	5.00	"	25.0		25.1	10-131				
Acetophenone	13.0	5.00	"	25.0		52.0	25-110				
Aniline	3.69	5.00	"	25.0		14.8	10-117				
Benzaldehyde	12.1	5.00	"	25.0		48.2	29-117				
Benzoic acid	2.75	5.00	"	25.0		11.0	30-130	Low Bias			
Benzyl alcohol	8.44	5.00	"	25.0		33.8	10-117				
Benzyl butyl phthalate	14.6	5.00	"	25.0		58.4	29-133				
Bis(2-chloroethoxy)methane	13.6	5.00	"	25.0		54.2	10-154				
Bis(2-chloroethyl)ether	10.9	5.00	"	25.0		43.6	17-125				
Bis(2-chloroisopropyl)ether	12.0	5.00	"	25.0		48.2	10-139				
Caprolactam	2.87	5.00	"	25.0		11.5	10-137				
Carbazole	14.4	5.00	"	25.0		57.4	42-126				
Dibenzofuran	11.8	5.00	"	25.0		47.1	36-113				
Diethyl phthalate	14.8	5.00	"	25.0		59.1	38-115				
Dimethyl phthalate	14.8	5.00	"	25.0		59.3	38-129				
Di-n-butyl phthalate	15.2	5.00	"	25.0		60.8	31-120				
Di-n-octyl phthalate	14.5	5.00	"	25.0		57.9	21-149				
Diphenylamine	15.7	5.00	"	25.0		63.0	40-140				
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias			
Isophorone	14.4	5.00	"	25.0		57.4	25-127				
N-nitroso-di-n-propylamine	13.1	5.00	"	25.0		52.6	26-122				
N-Nitrosodiphenylamine	16.2	5.00	"	25.0		64.7	23-149				
Phenol	4.27	5.00	"	25.0		17.1	10-110				
Pyridine	3.77	5.00	"	35.0		10.8	10-90				
Surrogate: SURR: 2-Fluorophenol	*11.0*		*"*	*50.0*		*22.0*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41529 - EPA 3510C											
LCS (BK41529-BS1)								Prepared & Analyzed: 11/22/2024			
Surrogate: SURR: Phenol-d6	*6.93*		*ug/L*	*50.0*		*13.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*11.9*		*"*	*25.0*		*47.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*9.27*		*"*	*25.0*		*37.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*34.3*		*"*	*50.0*		*68.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*13.8*		*"*	*25.0*		*55.3*	*30.7-106*				
LCS (BK41529-BS2)								Prepared: 11/22/2024 Analyzed: 11/25/2024			
Acenaphthene	0.350	0.0500	ug/L	1.00		35.0	25-116				
Acenaphthylene	0.420	0.0500	"	1.00		42.0	26-116				
Anthracene	0.470	0.0500	"	1.00		47.0	25-123				
Benzo(a)anthracene	0.510	0.0500	"	1.00		51.0	33-125				
Benzo(a)pyrene	0.470	0.0500	"	1.00		47.0	32-132				
Benzo(b)fluoranthene	0.490	0.0500	"	1.00		49.0	22-137				
Benzo(g,h,i)perylene	0.500	0.0500	"	1.00		50.0	10-138				
Benzo(k)fluoranthene	0.520	0.0500	"	1.00		52.0	20-137				
Bis(2-ethylhexyl)phthalate	0.650	0.500	"	1.00		65.0	10-189				
Chrysene	0.470	0.0500	"	1.00		47.0	32-124				
Dibenzo(a,h)anthracene	0.420	0.0500	"	1.00		42.0	16-133				
Fluoranthene	0.540	0.0500	"	1.00		54.0	32-121				
Fluorene	0.430	0.0500	"	1.00		43.0	28-118				
Hexachlorobenzene	0.280	0.0200	"	1.00		28.0	23-124				
Hexachlorobutadiene	ND	0.500	"	1.00			15-123	Low Bias			
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	0.420	0.0500	"	1.00		42.0	15-135				
Naphthalene	0.240	0.0500	"	1.00		24.0	18-120				
Nitrobenzene	ND	0.250	"	1.00			21-121	Low Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.520	0.250	"	1.00		52.0	10-156				
Phenanthrene	0.460	0.0500	"	1.00		46.0	24-127				
Pyrene	0.420	0.0500	"	1.00		42.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41529 - EPA 3510C											
LCS Dup (BK41529-BSD1)								Prepared & Analyzed: 11/22/2024			
1,1-Biphenyl	11.4	5.00	ug/L	25.0		45.6	33-95		0.440	20	
1,2,4,5-Tetrachlorobenzene	11.7	5.00	"	25.0		46.7	26-120		0.0857	20	
1,2-Diphenylhydrazine (as Azobenzene)	14.0	5.00	"	25.0		56.2	16-141		1.36	20	
2,3,4,6-Tetrachlorophenol	18.1	5.00	"	25.0		72.3	30-130		1.90	20	
2,4,5-Trichlorophenol	14.6	5.00	"	25.0		58.4	32-114		2.85	20	
2,4,6-Trichlorophenol	13.7	5.00	"	25.0		54.8	35-118		2.66	20	
2,4-Dichlorophenol	13.3	5.00	"	25.0		53.2	25-116		3.60	20	
2,4-Dimethylphenol	12.4	5.00	"	25.0		49.6	15-116		1.55	20	
2,4-Dinitrophenol	23.3	5.00	"	25.0		93.0	10-170		12.8	20	
2,4-Dinitrotoluene	17.3	5.00	"	25.0		69.0	41-128		9.72	20	
2,6-Dinitrotoluene	17.0	5.00	"	25.0		68.1	45-116		9.03	20	
2-Chloronaphthalene	10.7	5.00	"	25.0		42.9	33-112		0.937	20	
2-Chlorophenol	10.2	5.00	"	25.0		40.8	15-120		1.68	20	
2-Methylnaphthalene	10.4	5.00	"	25.0		41.5	24-118		2.24	20	
2-Methylphenol	9.87	5.00	"	25.0		39.5	10-110		0.406	20	
2-Nitroaniline	16.0	5.00	"	25.0		64.1	34-129		8.32	20	
2-Nitrophenol	13.7	5.00	"	25.0		54.7	28-118		2.82	20	
3- & 4-Methylphenols	8.21	5.00	"	25.0		32.8	10-107		0.849	20	
3,3-Dichlorobenzidine	10.2	5.00	"	25.0		40.8	15-187		0.781	20	
3-Nitroaniline	12.7	5.00	"	25.0		50.6	24-134		5.27	20	
4,6-Dinitro-2-methylphenol	21.0	5.00	"	25.0		83.8	10-153		12.5	20	
4-Bromophenyl phenyl ether	12.9	5.00	"	25.0		51.4	34-120		3.51	20	
4-Chloro-3-methylphenol	14.9	5.00	"	25.0		59.6	20-120		1.42	20	
4-Chloroaniline	8.12	5.00	"	25.0		32.5	10-147		6.35	20	
4-Chlorophenyl phenyl ether	12.1	5.00	"	25.0		48.2	27-121		1.15	20	
4-Nitroaniline	14.9	5.00	"	25.0		59.5	13-134		4.12	20	
4-Nitrophenol	5.79	5.00	"	25.0		23.2	10-131		8.12	20	
Acetophenone	13.6	5.00	"	25.0		54.3	25-110		4.44	20	
Aniline	5.38	5.00	"	25.0		21.5	10-117		37.3	20	Non-dir.
Benzaldehyde	12.6	5.00	"	25.0		50.3	29-117		4.22	20	
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	8.30	5.00	"	25.0		33.2	10-117		1.67	20	
Benzyl butyl phthalate	15.2	5.00	"	25.0		61.0	29-133		4.22	20	
Bis(2-chloroethoxy)methane	14.7	5.00	"	25.0		58.6	10-154		7.80	20	
Bis(2-chloroethyl)ether	10.7	5.00	"	25.0		42.8	17-125		1.85	20	
Bis(2-chloroisopropyl)ether	12.2	5.00	"	25.0		48.8	10-139		1.32	20	
Caprolactam	2.66	5.00	"	25.0		10.6	10-137		7.59	20	
Carbazole	15.1	5.00	"	25.0		60.3	42-126		4.96	20	
Dibenzofuran	12.1	5.00	"	25.0		48.6	36-113		3.09	20	
Diethyl phthalate	15.9	5.00	"	25.0		63.5	38-115		7.18	20	
Dimethyl phthalate	15.6	5.00	"	25.0		62.6	38-129		5.45	20	
Di-n-butyl phthalate	16.1	5.00	"	25.0		64.5	31-120		5.87	20	
Di-n-octyl phthalate	14.6	5.00	"	25.0		58.4	21-149		0.757	20	
Diphenylamine	16.6	5.00	"	25.0		66.5	40-140		5.44	20	
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias		20	
Isophorone	15.1	5.00	"	25.0		60.4	25-127		5.09	20	
N-nitroso-di-n-propylamine	13.7	5.00	"	25.0		54.7	26-122		3.95	20	
N-Nitrosodiphenylamine	16.8	5.00	"	25.0		67.3	23-149		3.94	20	
Phenol	4.40	5.00	"	25.0		17.6	10-110		3.00	20	
Pyridine	ND	5.00	"	35.0			10-90	Low Bias		20	
Surrogate: SURR: 2-Fluorophenol	*10.7*		*"*	*50.0*		*21.5*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41529 - EPA 3510C											
LCS Dup (BK41529-BSD1)								Prepared & Analyzed: 11/22/2024			
Surrogate: SURR: Phenol-d6	*6.90*		*ug/L*	*50.0*		*13.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.1*		*"*	*25.0*		*48.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*9.87*		*"*	*25.0*		*39.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*35.6*		*"*	*50.0*		*71.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.3*		*"*	*25.0*		*57.2*	*30.7-106*				
Matrix Spike (BK41529-MS1)	*Source sample: 24K1288-03 (MW-4R)							Prepared & Analyzed: 11/22/2024			
1,1-Biphenyl	10.6	5.00	ug/L	25.0	ND	42.3	26-79				
1,2,4,5-Tetrachlorobenzene	10.6	5.00	"	25.0	ND	42.4	33-90				
1,2-Diphenylhydrazine (as Azobenzene)	13.6	5.00	"	25.0	ND	54.2	21-107				
2,3,4,6-Tetrachlorophenol	18.1	5.00	"	25.0	ND	72.4	30-130				
2,4,5-Trichlorophenol	15.0	5.00	"	25.0	ND	60.2	43-96				
2,4,6-Trichlorophenol	14.4	5.00	"	25.0	ND	57.6	46-94				
2,4-Dichlorophenol	13.3	5.00	"	25.0	ND	53.4	26-101				
2,4-Dimethylphenol	12.6	5.00	"	25.0	ND	50.2	10-104				
2,4-Dinitrophenol	20.0	5.00	"	25.0	ND	80.2	10-146				
2,4-Dinitrotoluene	16.6	5.00	"	25.0	ND	66.2	30-108				
2,6-Dinitrotoluene	17.7	5.00	"	25.0	ND	70.8	38-98				
2-Chloronaphthalene	9.93	5.00	"	25.0	ND	39.7	30-89				
2-Chlorophenol	10.1	5.00	"	25.0	ND	40.4	24-98				
2-Methylnaphthalene	9.55	5.00	"	25.0	ND	38.2	10-112				
2-Methylphenol	9.85	5.00	"	25.0	ND	39.4	10-134				
2-Nitroaniline	16.0	5.00	"	25.0	ND	64.1	25-110				
2-Nitrophenol	12.6	5.00	"	25.0	ND	50.6	10-139				
3- & 4-Methylphenols	8.13	5.00	"	25.0	ND	32.5	10-91				
3,3-Dichlorobenzidine	3.20	5.00	"	25.0	ND	12.8	10-140				
3-Nitroaniline	12.5	5.00	"	25.0	ND	50.0	22-111				
4,6-Dinitro-2-methylphenol	17.3	5.00	"	25.0	ND	69.4	10-140				
4-Bromophenyl phenyl ether	12.8	5.00	"	25.0	ND	51.1	30-108				
4-Chloro-3-methylphenol	16.0	5.00	"	25.0	ND	63.9	11-109				
4-Chloroaniline	8.90	5.00	"	25.0	ND	35.6	10-116				
4-Chlorophenyl phenyl ether	11.6	5.00	"	25.0	ND	46.6	39-85				
4-Nitroaniline	11.4	5.00	"	25.0	ND	45.7	11-132				
4-Nitrophenol	ND	5.00	"	25.0	ND		10-82	Low Bias			
Acetophenone	13.0	5.00	"	25.0	ND	52.2	14-102				
Aniline	5.76	5.00	"	25.0	ND	23.0	10-80				
Benzaldehyde	12.5	5.00	"	25.0	ND	50.1	13-87				
Benzoic acid	7.92	5.00	"	25.0	ND	31.7	10-162				
Benzyl alcohol	9.80	5.00	"	25.0	ND	39.2	10-102				
Benzyl butyl phthalate	15.4	5.00	"	25.0	ND	61.7	10-133				
Bis(2-chloroethoxy)methane	13.9	5.00	"	25.0	ND	55.7	18-105				
Bis(2-chloroethyl)ether	10.9	5.00	"	25.0	ND	43.6	10-108				
Bis(2-chloroisopropyl)ether	11.7	5.00	"	25.0	ND	46.7	13-116				
Caprolactam	ND	5.00	"	25.0	ND		10-75	Low Bias			
Carbazole	14.4	5.00	"	25.0	ND	57.6	36-108				
Dibenzofuran	11.9	5.00	"	25.0	ND	47.6	34-92				
Diethyl phthalate	15.0	5.00	"	25.0	ND	60.1	33-98				
Dimethyl phthalate	15.6	5.00	"	25.0	ND	62.5	18-116				
Di-n-butyl phthalate	15.4	5.00	"	25.0	ND	61.8	25-97				
Di-n-octyl phthalate	14.4	5.00	"	25.0	ND	57.5	10-137				
Diphenylamine	15.7	5.00	"	25.0	ND	62.9	40-140				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41529 - EPA 3510C											
Matrix Spike (BK41529-MS1)	*Source sample: 24K1288-03 (MW-4R)							Prepared & Analyzed: 11/22/2024			
Hexachlorocyclopentadiene	ND	10.0	ug/L	25.0	ND		10-79	Low Bias			
Isophorone	14.4	5.00	"	25.0	ND	57.5	25-103				
N-nitroso-di-n-propylamine	13.4	5.00	"	25.0	ND	53.6	19-115				
N-Nitrosodiphenylamine	16.0	5.00	"	25.0	ND	64.0	31-112				
Phenol	4.90	5.00	"	25.0	ND	19.6	10-61				
Pyridine	ND	5.00	"	35.0	ND		10-78	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*10.3*		*"*	*50.0*		*20.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.01*		*"*	*50.0*		*14.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*11.8*		*"*	*25.0*		*47.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*10.0*		*"*	*25.0*		*40.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*35.0*		*"*	*50.0*		*70.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.3*		*"*	*25.0*		*57.3*	*30.7-106*				
Matrix Spike Dup (BK41529-MSD1)	*Source sample: 24K1288-03 (MW-4R)							Prepared & Analyzed: 11/22/2024			
1,1-Biphenyl	12.3	5.00	ug/L	25.0	ND	49.4	26-79		15.4	25	
1,2,4,5-Tetrachlorobenzene	11.8	5.00	"	25.0	ND	47.2	33-90		10.7	25	
1,2-Diphenylhydrazine (as Azobenzene)	14.4	5.00	"	25.0	ND	57.8	21-107		6.35	25	
2,3,4,6-Tetrachlorophenol	19.2	5.00	"	25.0	ND	76.9	30-130		5.95	25	
2,4,5-Trichlorophenol	16.4	5.00	"	25.0	ND	65.6	43-96		8.65	25	
2,4,6-Trichlorophenol	15.8	5.00	"	25.0	ND	63.1	46-94		9.08	25	
2,4-Dichlorophenol	14.4	5.00	"	25.0	ND	57.5	26-101		7.43	25	
2,4-Dimethylphenol	15.5	5.00	"	25.0	ND	62.0	10-104		21.0	25	
2,4-Dinitrophenol	23.0	5.00	"	25.0	ND	91.9	10-146		13.6	25	
2,4-Dinitrotoluene	17.3	5.00	"	25.0	ND	69.3	30-108		4.60	25	
2,6-Dinitrotoluene	18.6	5.00	"	25.0	ND	74.4	38-98		4.90	25	
2-Chloronaphthalene	11.4	5.00	"	25.0	ND	45.6	30-89		13.7	25	
2-Chlorophenol	11.1	5.00	"	25.0	ND	44.5	24-98		9.60	25	
2-Methylnaphthalene	10.5	5.00	"	25.0	ND	41.9	10-112		9.19	25	
2-Methylphenol	11.1	5.00	"	25.0	ND	44.5	10-134		12.2	25	
2-Nitroaniline	16.8	5.00	"	25.0	ND	67.3	25-110		4.81	25	
2-Nitrophenol	14.8	5.00	"	25.0	ND	59.2	10-139		15.7	25	
3- & 4-Methylphenols	8.79	5.00	"	25.0	ND	35.2	10-91		7.80	25	
3,3-Dichlorobenzidine	3.94	5.00	"	25.0	ND	15.8	10-140		20.7	25	
3-Nitroaniline	13.4	5.00	"	25.0	ND	53.8	22-111		7.17	25	
4,6-Dinitro-2-methylphenol	17.7	5.00	"	25.0	ND	70.7	10-140		1.89	25	
4-Bromophenyl phenyl ether	14.6	5.00	"	25.0	ND	58.2	30-108		13.0	25	
4-Chloro-3-methylphenol	17.5	5.00	"	25.0	ND	69.9	11-109		9.03	25	
4-Chloroaniline	10.7	5.00	"	25.0	ND	42.9	10-116		18.6	25	
4-Chlorophenyl phenyl ether	13.8	5.00	"	25.0	ND	55.2	39-85		16.8	25	
4-Nitroaniline	12.6	5.00	"	25.0	ND	50.6	11-132		10.2	25	
4-Nitrophenol	6.96	5.00	"	25.0	ND	27.8	10-82			25	
Acetophenone	13.9	5.00	"	25.0	ND	55.7	14-102		6.52	25	
Aniline	7.33	5.00	"	25.0	ND	29.3	10-80		24.0	25	
Benzaldehyde	13.6	5.00	"	25.0	ND	54.2	13-87		7.98	25	
Benzoic acid	8.67	5.00	"	25.0	ND	34.7	10-162		9.04	25	
Benzyl alcohol	10.2	5.00	"	25.0	ND	41.0	10-102		4.49	25	
Benzyl butyl phthalate	16.7	5.00	"	25.0	ND	66.8	10-133		7.97	25	
Bis(2-chloroethoxy)methane	15.1	5.00	"	25.0	ND	60.4	18-105		8.13	25	
Bis(2-chloroethyl)ether	12.0	5.00	"	25.0	ND	48.2	10-108		9.93	25	
Bis(2-chloroisopropyl)ether	12.8	5.00	"	25.0	ND	51.4	13-116		9.55	25	
Caprolactam	ND	5.00	"	25.0	ND		10-75	Low Bias		25	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41529 - EPA 3510C											
Matrix Spike Dup (BK41529-MSD1)	*Source sample: 24K1288-03 (MW-4R)							Prepared & Analyzed: 11/22/2024			
Carbazole	15.3	5.00	ug/L	25.0	ND	61.1	36-108		5.80	25	
Dibenzofuran	13.4	5.00	"	25.0	ND	53.7	34-92		12.1	25	
Diethyl phthalate	16.0	5.00	"	25.0	ND	63.8	33-98		5.94	25	
Dimethyl phthalate	16.8	5.00	"	25.0	ND	67.2	18-116		7.16	25	
Di-n-butyl phthalate	16.3	5.00	"	25.0	ND	65.4	25-97		5.60	25	
Di-n-octyl phthalate	15.6	5.00	"	25.0	ND	62.3	10-137		8.08	25	
Diphenylamine	17.2	5.00	"	25.0	ND	68.9	40-140		9.10	25	
Hexachlorocyclopentadiene	5.02	10.0	"	25.0	ND	20.1	10-79			25	
Isophorone	15.5	5.00	"	25.0	ND	62.0	25-103		7.63	25	
N-nitroso-di-n-propylamine	14.4	5.00	"	25.0	ND	57.6	19-115		7.12	25	
N-Nitrosodiphenylamine	17.6	5.00	"	25.0	ND	70.3	31-112		9.35	25	
Phenol	5.16	5.00	"	25.0	ND	20.6	10-61		5.17	25	
Pyridine	4.05	5.00	"	35.0	ND	11.6	10-78			25	
Surrogate: SURR: 2-Fluorophenol	*12.6*		*"*	*50.0*		*25.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.53*		*"*	*50.0*		*17.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*14.0*		*"*	*25.0*		*56.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.6*		*"*	*25.0*		*46.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*42.6*		*"*	*50.0*		*85.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.9*		*"*	*25.0*		*71.5*	*30.7-106*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41304 - EPA 3535A											
Blank (BK41304-BLK1)								Prepared: 11/19/2024 Analyzed: 11/21/2024			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.20*		"	*4.00*		*80.0*	*36.6-118*				
LCS (BK41304-BS1)								Prepared: 11/19/2024 Analyzed: 11/21/2024			
1,4-Dioxane	3.55	0.300	ug/L	4.00		88.8	50-130				
Surrogate: 1,4-Dioxane-d8	*2.88*		"	*4.00*		*72.0*	*36.6-118*				
Batch BK41404 - EPA 3535A											
LCS (BK41404-BS1)								Prepared: 11/20/2024 Analyzed: 11/24/2024			
1,4-Dioxane	4.75	0.300	ug/L	4.00		119	50-130				
Surrogate: 1,4-Dioxane-d8	*2.56*		"	*4.00*		*64.0*	*36.6-118*				
Matrix Spike (BK41404-MS1)	*Source sample: 24K1288-03 (MW-4R)							Prepared: 11/20/2024 Analyzed: 11/24/2024			
1,4-Dioxane	4.00	0.300	ug/L	4.00	ND	100	50-130				
Surrogate: 1,4-Dioxane-d8	*1.92*		"	*4.00*		*48.0*	*50-130*				
Matrix Spike Dup (BK41404-MSD1)	*Source sample: 24K1288-03 (MW-4R)							Prepared: 11/20/2024 Analyzed: 11/24/2024			
1,4-Dioxane	3.07	0.300	ug/L	4.00	ND	76.8	50-130		26.2	30	
Surrogate: 1,4-Dioxane-d8	*2.08*		"	*4.00*		*52.0*	*50-130*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41619 - EPA 1633 Prep											
Blank (BK41619-BLK1)											Prepared: 11/23/2024 Analyzed: 11/25/2024
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*32.7*		*"*	*23.3*		*140*	*25-150*				
Surrogate: M5PFHxA	*30.1*		*"*	*25.0*		*121*	*25-150*				
Surrogate: M4PFHpA	*31.7*		*"*	*25.0*		*127*	*25-150*				
Surrogate: M3PFHxS	*35.1*		*"*	*23.7*		*148*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.7*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M6PFDA	*14.7*		*"*	*12.5*		*118*	*25-150*				
Surrogate: M7PFUdA	*17.3*		*"*	*12.5*		*138*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*18.7*		*"*	*12.5*		*150*	*25-150*				
Surrogate: M2PFTeDA	*23.6*		*"*	*12.5*		*188*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41619 - EPA 1633 Prep											
Blank (BK41619-BLK1)								Prepared: 11/23/2024 Analyzed: 11/25/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.47*		*ng/L*	*100*		*4.47*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.6*		*"*	*24.0*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*45.0*		*"*	*50.0*		*90.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.2*		*"*	*25.0*		*121*	*10-150*				
Surrogate: d3-N-MeFOSAA	*65.6*		*"*	*50.0*		*131*	*25-150*				
Surrogate: d5-N-EtFOSAA	*58.8*		*"*	*50.0*		*118*	*25-150*				
Surrogate: M2-6:2 FTS	*107*		*"*	*47.6*		*225*	*25-200*				
Surrogate: M2-8:2 FTS	*88.8*		*"*	*48.0*		*185*	*25-200*				
Surrogate: M9PFNA	*17.0*		*"*	*12.5*		*136*	*25-150*				
Surrogate: M2-4:2 FTS	*103*		*"*	*46.9*		*221*	*25-150*				
Surrogate: d-N-MeFOSA	*33.5*		*"*	*25.0*		*134*	*25-150*				
Surrogate: d-N-EtFOSA	*38.6*		*"*	*25.0*		*154*	*25-150*				
Surrogate: M3HFPO-DA	*145*		*"*	*100*		*145*	*25-150*				
Surrogate: d9-N-EtFOSE	*261*		*"*	*250*		*104*	*25-150*				
Surrogate: d7-N-MeFOSE	*240*		*"*	*250*		*95.9*	*25-150*				
LCS (BK41619-BS1)								Prepared: 11/23/2024 Analyzed: 11/25/2024			
Perfluorobutanesulfonic acid (PFBS)	37.8	1.77	ng/L	35.4		107	50-150				
Perfluorohexanoic acid (PFHxA)	40.3	2.00	"	40.0		101	50-150				
Perfluoroheptanoic acid (PFHpA)	48.0	2.00	"	40.0		120	50-150				
Perfluorohexanesulfonic acid (PFHxS)	40.5	1.83	"	36.6		111	50-150				
Perfluorooctanoic acid (PFOA)	43.5	2.00	"	40.0		109	50-150				
Perfluorooctanesulfonic acid (PFOS)	37.0	1.86	"	37.2		99.6	50-150				
Perfluorononanoic acid (PFNA)	51.8	2.00	"	40.0		130	50-150				
Perfluorodecanoic acid (PFDA)	37.3	2.00	"	40.0		93.4	50-150				
Perfluoroundecanoic acid (PFUnA)	46.4	2.00	"	40.0		116	50-150				
Perfluorododecanoic acid (PFDoA)	42.6	2.00	"	40.0		107	50-150				
Perfluorotridecanoic acid (PFTrDA)	37.9	2.00	"	40.0		94.8	50-150				
Perfluorotetradecanoic acid (PFTA)	40.8	2.00	"	40.0		102	50-150				
N-MeFOSAA	40.4	2.00	"	40.0		101	50-150				
N-EtFOSAA	39.4	2.00	"	40.0		98.5	50-150				
Perfluoropentanoic acid (PFPeA)	81.8	4.00	"	80.0		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	49.0	2.00	"	40.0		122	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	39.1	1.91	"	38.2		102	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	40.7	1.93	"	38.6		105	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	157	7.60	"	152		103	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	142	7.68	"	154		92.7	50-150				
Perfluoro-n-butanoic acid (PFBA)	135	8.00	"	160		84.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	70.9	3.56	"	71.2		99.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	104	4.00	"	80.0		130	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	14.4	4.00	"	80.0		18.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	109	4.00	"	80.0		136	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	39.8	1.88	"	37.6		106	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	160	7.50	"	150		107	50-150				
HFPO-DA (Gen-X)	68.5	8.00	"	80.0		85.6	50-150				
11CL-PF3OUdS	72.0	7.56	"	75.6		95.3	50-150				
9CL-PF3ONS	72.7	7.48	"	74.8		97.1	50-150				
ADONA	70.1	7.56	"	75.6		92.8	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41619 - EPA 1633 Prep											
LCS (BK41619-BS1)									Prepared: 11/23/2024 Analyzed: 11/25/2024		
Perfluorododecanesulfonic acid (PFDoS)	38.3	1.94	ng/L	38.8		98.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	45.4	1.92	"	38.4		118	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	98.8	5.00	"	160		61.8	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	805	25.0	"	800		101	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	707	25.0	"	800		88.4	50-150				
N-MeFOSE	402	20.0	"	400		101	50-150				
N-MeFOSA	37.5	2.00	"	40.0		93.6	50-150				
N-EtFOSE	361	20.0	"	400		90.1	50-150				
N-EtFOSA	41.3	2.00	"	40.0		103	50-150				
Surrogate: M3PFBS	*25.5*		*"*	*23.3*		*110*	*25-150*				
Surrogate: M5PFHxA	*29.8*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M4PFHpA	*30.0*		*"*	*25.0*		*120*	*25-150*				
Surrogate: M3PFHxS	*27.4*		*"*	*23.7*		*116*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*26.8*		*"*	*25.0*		*107*	*25-150*				
Surrogate: M6PFDA	*12.7*		*"*	*12.5*		*102*	*25-150*				
Surrogate: M7PFUdA	*14.3*		*"*	*12.5*		*114*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.9*		*"*	*12.5*		*127*	*25-150*				
Surrogate: M2PFTeDA	*19.0*		*"*	*12.5*		*152*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.23*		*"*	*100*		*3.23*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.5*		*"*	*24.0*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*35.1*		*"*	*50.0*		*70.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*26.4*		*"*	*25.0*		*106*	*10-150*				
Surrogate: d3-N-MeFOSAA	*54.2*		*"*	*50.0*		*108*	*25-150*				
Surrogate: d5-N-EtFOSAA	*57.0*		*"*	*50.0*		*114*	*25-150*				
Surrogate: M2-6:2 FTS	*85.2*		*"*	*47.6*		*179*	*25-200*				
Surrogate: M2-8:2 FTS	*77.0*		*"*	*48.0*		*160*	*25-200*				
Surrogate: M9PFNA	*11.0*		*"*	*12.5*		*87.8*	*25-150*				
Surrogate: M2-4:2 FTS	*74.3*		*"*	*46.9*		*158*	*25-150*				
Surrogate: d-N-MeFOSA	*37.9*		*"*	*25.0*		*152*	*25-150*				
Surrogate: d-N-EtFOSA	*35.9*		*"*	*25.0*		*144*	*25-150*				
Surrogate: M3HFPO-DA	*138*		*"*	*100*		*138*	*25-150*				
Surrogate: d9-N-EtFOSE	*254*		*"*	*250*		*101*	*25-150*				
Surrogate: d7-N-MeFOSE	*235*		*"*	*250*		*94.1*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41619 - EPA 1633 Prep											
LCS (BK41619-BS2)								Prepared: 11/23/2024 Analyzed: 11/25/2024			
Perfluorobutanesulfonic acid (PFBS)	4.15	1.77	ng/L	3.54		117	50-150				
Perfluorohexanoic acid (PFHxA)	4.15	2.00	"	4.00		104	50-150				
Perfluoroheptanoic acid (PFHpA)	4.68	2.00	"	4.00		117	50-150				
Perfluorohexanesulfonic acid (PFHxS)	5.06	1.83	"	3.66		138	50-150				
Perfluorooctanoic acid (PFOA)	3.98	2.00	"	4.00		99.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.49	1.86	"	3.72		121	50-150				
Perfluorononanoic acid (PFNA)	5.15	2.00	"	4.00		129	50-150				
Perfluorodecanoic acid (PFDA)	4.00	2.00	"	4.00		100	50-150				
Perfluoroundecanoic acid (PFUnA)	4.69	2.00	"	4.00		117	50-150				
Perfluorododecanoic acid (PFDoA)	3.96	2.00	"	4.00		99.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.80	2.00	"	4.00		120	50-150				
Perfluorotetradecanoic acid (PFTA)	4.26	2.00	"	4.00		106	50-150				
N-MeFOSAA	3.58	2.00	"	4.00		89.5	50-150				
N-EtFOSAA	4.45	2.00	"	4.00		111	50-150				
Perfluoropentanoic acid (PFPeA)	8.10	4.00	"	8.00		101	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.96	2.00	"	4.00		124	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.05	1.91	"	3.82		106	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.35	1.93	"	3.86		113	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.6	7.60	"	15.2		102	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.6	7.68	"	15.4		102	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.2	8.00	"	16.0		82.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.08	3.56	"	7.12		99.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.12	4.00	"	8.00		101	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.46	4.00	"	8.00		18.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	11.2	4.00	"	8.00		140	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.75	1.88	"	3.76		126	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	17.0	7.50	"	15.0		113	50-150				
HFPO-DA (Gen-X)	8.83	8.00	"	8.00		110	50-150				
11CL-PF3OUdS	7.81	7.56	"	7.56		103	50-150				
9CL-PF3ONS	7.79	7.48	"	7.48		104	50-150				
ADONA	8.39	7.56	"	7.56		111	50-150				
Perfluorododecanesulfonic acid (PFDoS)	4.55	1.94	"	3.88		117	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.97	1.92	"	3.84		155	50-150	High Bias			
3-Perfluoropropyl propanoic acid (FPrPA)	9.85	5.00	"	16.0		61.5	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	82.4	25.0	"	80.0		103	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	80.8	25.0	"	80.0		101	50-150				
N-MeFOSE	46.6	20.0	"	40.0		116	50-150				
N-MeFOSA	3.82	2.00	"	4.00		95.5	50-150				
N-EtFOSE	44.8	20.0	"	40.0		112	50-150				
N-EtFOSA	4.61	2.00	"	4.00		115	50-150				
Surrogate: M3PFBS	*27.0*		"	*23.3*		*116*	*25-150*				
Surrogate: M5PFHxA	*32.3*		"	*25.0*		*129*	*25-150*				
Surrogate: M4PFHpA	*34.0*		"	*25.0*		*136*	*25-150*				
Surrogate: M3PFHxS	*29.6*		"	*23.7*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.0*		"	*25.0*		*128*	*25-150*				
Surrogate: M6PFDA	*16.8*		"	*12.5*		*134*	*25-150*				
Surrogate: M7PFUdA	*16.7*		"	*12.5*		*133*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*20.7*		"	*12.5*		*165*	*25-150*				
Surrogate: M2PFTeDA	*21.6*		"	*12.5*		*173*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41619 - EPA 1633 Prep											
LCS (BK41619-BS2)									Prepared: 11/23/2024 Analyzed: 11/25/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.53*		*ng/L*	*100*		*3.53*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.4*		*"*	*24.0*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*36.7*		*"*	*50.0*		*73.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*31.5*		*"*	*25.0*		*126*	*10-150*				
Surrogate: d3-N-MeFOSAA	*59.6*		*"*	*50.0*		*119*	*25-150*				
Surrogate: d5-N-EtFOSAA	*63.1*		*"*	*50.0*		*126*	*25-150*				
Surrogate: M2-6:2 FTS	*91.1*		*"*	*47.6*		*192*	*25-200*				
Surrogate: M2-8:2 FTS	*73.9*		*"*	*48.0*		*154*	*25-200*				
Surrogate: M9PFNA	*12.7*		*"*	*12.5*		*102*	*25-150*				
Surrogate: M2-4:2 FTS	*85.8*		*"*	*46.9*		*183*	*25-150*				
Surrogate: d-N-MeFOSA	*40.7*		*"*	*25.0*		*163*	*25-150*				
Surrogate: d-N-EtFOSA	*42.3*		*"*	*25.0*		*169*	*25-150*				
Surrogate: M3HFPO-DA	*142*		*"*	*100*		*142*	*25-150*				
Surrogate: d9-N-EtFOSE	*260*		*"*	*250*		*104*	*25-150*				
Surrogate: d7-N-MeFOSE	*251*		*"*	*250*		*101*	*25-150*				
Matrix Spike (BK41619-MS1)	*Source sample: 24K1288-03 (MW-4R)								Prepared: 11/23/2024 Analyzed: 11/25/2024		
Perfluorobutanesulfonic acid (PFBS)	41.6	1.83	ng/L	36.6	5.22	99.3	25-150				
Perfluorohexanoic acid (PFHxA)	49.1	2.07	"	41.4	10.3	93.8	25-150				
Perfluoroheptanoic acid (PFHpA)	47.8	2.07	"	41.4	4.28	105	25-150				
Perfluorohexanesulfonic acid (PFHxS)	47.5	1.89	"	37.9	5.74	110	25-150				
Perfluorooctanoic acid (PFOA)	51.8	2.07	"	41.4	12.5	94.9	25-150				
Perfluorooctanesulfonic acid (PFOS)	59.9	1.93	"	38.5	5.20	142	25-150				
Perfluorononanoic acid (PFNA)	40.1	2.07	"	41.4	0.593	95.5	25-150				
Perfluorodecanoic acid (PFDA)	41.5	2.07	"	41.4	ND	100	25-150				
Perfluoroundecanoic acid (PFUnA)	43.5	2.07	"	41.4	ND	105	25-150				
Perfluorododecanoic acid (PFDoA)	34.7	2.07	"	41.4	ND	83.9	25-150				
Perfluorotridecanoic acid (PFTrDA)	38.9	2.07	"	41.4	ND	93.9	25-150				
Perfluorotetradecanoic acid (PFTA)	39.3	2.07	"	41.4	ND	95.0	25-150				
N-MeFOSAA	39.7	2.07	"	41.4	ND	95.9	25-150				
N-EtFOSAA	43.1	2.07	"	41.4	ND	104	25-150				
Perfluoropentanoic acid (PFPeA)	97.6	4.14	"	82.8	13.7	101	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	48.0	2.07	"	41.4	ND	116	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	42.4	1.98	"	39.5	ND	107	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	25.9	2.00	"	40.0	ND	64.7	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	145	7.87	"	157	ND	92.3	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	147	7.95	"	159	ND	92.2	25-150				
Perfluoro-n-butanoic acid (PFBA)	176	8.28	"	166	15.6	96.5	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	69.9	3.68	"	73.7	ND	94.8	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	69.7	4.14	"	82.8	ND	84.2	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	44.8	4.14	"	82.8	ND	54.1	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	88.9	4.14	"	82.8	ND	107	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	39.1	1.95	"	38.9	1.21	97.3	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	161	7.76	"	155	ND	104	25-150				
HFPO-DA (Gen-X)	82.3	8.28	"	82.8	ND	99.4	25-150				
11CL-PF3OUdS	35.7	7.82	"	78.2	ND	45.7	25-150				
9CL-PF3ONS	65.6	7.74	"	77.4	ND	84.8	25-150				
ADONA	74.5	7.82	"	78.2	ND	95.3	25-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41619 - EPA 1633 Prep											
Matrix Spike (BK41619-MS1)	*Source sample: 24K1288-03 (MW-4R)							Prepared: 11/23/2024 Analyzed: 11/25/2024			
Perfluorododecanesulfonic acid (PFDoS)	21.0	2.01	ng/L	40.2	ND	52.4	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	37.9	1.99	"	39.7	ND	95.3	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	134	5.17	"	166	ND	80.7	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	822	25.9	"	828	ND	99.2	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	711	25.9	"	828	ND	85.9	25-150				
N-MeFOSE	414	20.7	"	414	ND	100	25-150				
N-MeFOSA	33.4	2.07	"	41.4	ND	80.8	25-150				
N-EtFOSE	333	20.7	"	414	ND	80.5	25-150				
N-EtFOSA	34.1	2.07	"	41.4	ND	82.3	25-150				
Surrogate: M3PFBS	*32.0*		*"*	*24.1*		*133*	*25-150*				
Surrogate: M5PFHxA	*37.6*		*"*	*25.9*		*145*	*25-150*				
Surrogate: M4PFHpA	*36.8*		*"*	*25.9*		*142*	*25-150*				
Surrogate: M3PFHxS	*34.1*		*"*	*24.5*		*139*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*36.8*		*"*	*25.9*		*142*	*25-150*				
Surrogate: M6PFDA	*14.8*		*"*	*12.9*		*114*	*25-150*				
Surrogate: M7PFUdA	*13.7*		*"*	*12.9*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.6*		*"*	*12.9*		*97.2*	*25-150*				
Surrogate: M2PFTeDA	*11.5*		*"*	*12.9*		*88.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*21.7*		*"*	*103*		*20.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.6*		*"*	*24.8*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*66.0*		*"*	*51.7*		*128*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*31.8*		*"*	*25.9*		*123*	*10-150*				
Surrogate: d3-N-MeFOSAA	*58.4*		*"*	*51.7*		*113*	*25-150*				
Surrogate: d5-N-EtFOSAA	*54.1*		*"*	*51.7*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*107*		*"*	*49.2*		*218*	*25-200*				
Surrogate: M2-8:2 FTS	*83.5*		*"*	*49.7*		*168*	*25-200*				
Surrogate: M9PFNA	*18.5*		*"*	*12.9*		*143*	*25-150*				
Surrogate: M2-4:2 FTS	*88.7*		*"*	*48.5*		*183*	*25-150*				
Surrogate: d-N-MeFOSA	*29.2*		*"*	*25.9*		*113*	*25-150*				
Surrogate: d-N-EtFOSA	*26.3*		*"*	*25.9*		*102*	*25-150*				
Surrogate: M3HFPO-DA	*162*		*"*	*103*		*157*	*25-150*				
Surrogate: d9-N-EtFOSE	*160*		*"*	*259*		*61.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*184*		*"*	*259*		*71.0*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41619 - EPA 1633 Prep											
Matrix Spike Dup (BK41619-MSD1)	*Source sample: 24K1288-03 (MW-4R)								Prepared: 11/23/2024 Analyzed: 11/25/2024		
Perfluorobutanesulfonic acid (PFBS)	36.2	1.60	ng/L	31.9	5.22	97.0	25-150		13.9	35	
Perfluorohexanoic acid (PFHxA)	42.3	1.80	"	36.1	10.3	88.9	25-150		14.8	35	
Perfluoroheptanoic acid (PFHpA)	47.0	1.80	"	36.1	4.28	118	25-150		1.77	35	
Perfluorohexanesulfonic acid (PFHxS)	41.2	1.65	"	33.0	5.74	107	25-150		14.2	35	
Perfluorooctanoic acid (PFOA)	42.7	1.80	"	36.1	12.5	83.6	25-150		19.3	35	
Perfluorooctanesulfonic acid (PFOS)	51.1	1.68	"	33.6	5.20	137	25-150		15.9	35	
Perfluorononanoic acid (PFNA)	41.4	1.80	"	36.1	0.593	113	25-150		3.07	35	
Perfluorodecanoic acid (PFDA)	30.5	1.80	"	36.1	ND	84.6	25-150		30.5	35	
Perfluoroundecanoic acid (PFUnA)	34.2	1.80	"	36.1	ND	94.7	25-150		23.9	35	
Perfluorododecanoic acid (PFDoA)	31.2	1.80	"	36.1	ND	86.5	25-150		10.7	35	
Perfluorotridecanoic acid (PFTrDA)	38.1	1.80	"	36.1	ND	105	25-150		2.11	35	
Perfluorotetradecanoic acid (PFTA)	37.2	1.80	"	36.1	ND	103	25-150		5.43	35	
N-MeFOSAA	39.4	1.80	"	36.1	ND	109	25-150		0.859	35	
N-EtFOSAA	39.2	1.80	"	36.1	ND	109	25-150		9.39	35	
Perfluoropentanoic acid (PFPeA)	83.5	3.61	"	72.2	13.7	96.8	25-150		15.5	35	
Perfluoro-1-octanesulfonamide (FOSA)	41.7	1.80	"	36.1	ND	116	25-150		14.0	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	37.7	1.72	"	34.5	ND	109	25-150		11.8	35	
Perfluoro-1-decanesulfonic acid (PFDS)	25.2	1.74	"	34.8	ND	72.5	25-150		2.46	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	123	6.86	"	137	ND	89.8	25-150		16.5	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	130	6.93	"	139	ND	94.0	25-150		11.9	35	
Perfluoro-n-butanoic acid (PFBA)	161	7.22	"	144	15.6	101	25-150		8.40	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	61.8	3.21	"	64.2	ND	96.3	25-150		12.2	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	55.5	3.61	"	72.2	ND	76.9	25-150		22.7	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	47.2	3.61	"	72.2	ND	65.4	25-150		5.32	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	72.5	3.61	"	72.2	ND	100	25-150		20.3	30	
Perfluoro-1-pentanesulfonate (PFPeS)	34.0	1.70	"	33.9	1.21	96.8	25-150		13.8	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	138	6.77	"	135	ND	102	25-150		15.3	30	
HFPO-DA (Gen-X)	61.3	7.22	"	72.2	ND	84.9	25-150		29.3	30	
11CL-PF3OUdS	42.2	6.82	"	68.2	ND	61.9	25-150		16.6	30	
9CL-PF3ONS	51.9	6.75	"	67.5	ND	77.0	25-150		23.3	30	
ADONA	57.2	6.82	"	68.2	ND	83.9	25-150		26.3	30	
Perfluorododecanesulfonic acid (PFDoS)	23.1	1.75	"	35.0	ND	65.9	25-150		9.20	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	34.3	1.73	"	34.6	ND	99.0	25-150		9.89	30	
3-Perfluoropropyl propanoic acid (FPrPA)	122	4.51	"	144	ND	84.8	25-150		8.79	30	
3-Perfluoropentyl propanoic acid (FPePA)	714	22.6	"	722	ND	98.9	25-150		14.0	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	653	22.6	"	722	ND	90.5	25-150		8.49	30	
N-MeFOSE	385	18.0	"	361	ND	107	25-150		7.28	30	
N-MeFOSA	36.6	1.80	"	36.1	ND	101	25-150		8.92	30	
N-EtFOSE	309	18.0	"	361	ND	85.6	25-150		7.61	30	
N-EtFOSA	33.1	1.80	"	36.1	ND	91.8	25-150		2.74	30	
Surrogate: M3PFBS	*27.1*		"	*21.0*		*129*	*25-150*				
Surrogate: M5PFHxA	*27.3*		"	*22.6*		*121*	*25-150*				
Surrogate: M4PFHpA	*24.5*		"	*22.6*		*109*	*25-150*				
Surrogate: M3PFHxS	*28.6*		"	*21.4*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.7*		"	*22.6*		*132*	*25-150*				
Surrogate: M6PFDA	*12.4*		"	*11.3*		*110*	*25-150*				
Surrogate: M7PFUdA	*12.0*		"	*11.3*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.0*		"	*11.3*		*106*	*25-150*				
Surrogate: M2PFTeDA	*11.2*		"	*11.3*		*99.0*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41619 - EPA 1633 Prep											
Matrix Spike Dup (BK41619-MSD1)	*Source sample: 24K1288-03 (MW-4R)								Prepared: 11/23/2024 Analyzed: 11/25/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*29.1*		*ng/L*	*90.2*		*32.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*24.4*		*"*	*21.6*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*52.7*		*"*	*45.1*		*117*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.9*		*"*	*22.6*		*115*	*10-150*				
Surrogate: d3-N-MeFOSAA	*49.0*		*"*	*45.1*		*109*	*25-150*				
Surrogate: d5-N-EtFOSAA	*49.2*		*"*	*45.1*		*109*	*25-150*				
Surrogate: M2-6:2 FTS	*92.1*		*"*	*42.9*		*215*	*25-200*				
Surrogate: M2-8:2 FTS	*71.3*		*"*	*43.3*		*165*	*25-200*				
Surrogate: M9PFNA	*11.6*		*"*	*11.3*		*103*	*25-150*				
Surrogate: M2-4:2 FTS	*78.0*		*"*	*42.3*		*184*	*25-150*				
Surrogate: d-N-MeFOSA	*25.7*		*"*	*22.6*		*114*	*25-150*				
Surrogate: d-N-EtFOSA	*27.9*		*"*	*22.6*		*124*	*25-150*				
Surrogate: M3HFPO-DA	*127*		*"*	*90.2*		*141*	*25-150*				
Surrogate: d9-N-EtFOSE	*192*		*"*	*226*		*85.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*198*		*"*	*226*		*87.6*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41529 - EPA 3510C											
Blank (BK41529-BLK1)											Prepared: 11/22/2024 Analyzed: 11/25/2024
Tentatively Identified Compounds	0.00		ug/L								

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41344 - EPA 3015A											
Blank (BK41344-BLK1)									Prepared: 11/20/2024 Analyzed: 11/21/2024		
Arsenic	ND	1.11	ug/L								
Barium	ND	1.11	"								
Cadmium	ND	0.556	"								
Chromium	ND	1.11	"								
Lead	ND	1.11	"								
Selenium	ND	1.11	"								
Silver	ND	1.11	"								
LCS (BK41344-BS1)									Prepared: 11/20/2024 Analyzed: 11/21/2024		
Arsenic	51.9		ug/L	50.0		104	80-120				
Barium	42.4		"	50.0		84.8	80-120				
Cadmium	38.4		"	50.0		76.8	80-120	Low Bias			
Chromium	52.9		"	50.0		106	80-120				
Lead	48.1		"	50.0		96.2	80-120				
Selenium	47.1		"	50.0		94.2	80-120				
Silver	47.0		"	50.0		93.9	80-120				
Duplicate (BK41344-DUP1)	*Source sample: 24K1288-03 (MW-4R)								Prepared: 11/20/2024 Analyzed: 11/22/2024		
Arsenic	1.81	1.11	ug/L		1.63				10.8	20	
Barium	239	1.11	"		246				3.10	20	
Cadmium	ND	0.556	"		ND					20	
Chromium	1.28	1.11	"		ND					20	
Lead	ND	1.11	"		ND					20	
Selenium	4.99	1.11	"		7.77				43.5	20	Non-dir.
Silver	ND	1.11	"		ND					20	
Matrix Spike (BK41344-MS1)	*Source sample: 24K1288-03 (MW-4R)								Prepared: 11/20/2024 Analyzed: 11/22/2024		
Arsenic	52.7		ug/L	50.0	1.46	102	75-125				
Barium	274		"	50.0	222	104	75-125				
Cadmium	55.8		"	50.0	0.034	112	75-125				
Chromium	49.8		"	50.0	0.734	98.2	75-125				
Lead	51.4		"	50.0	0.457	102	75-125				
Selenium	44.5		"	50.0	6.99	75.0	75-125				
Silver	47.8		"	50.0	-0.001	95.5	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41534 - EPA SW846-7470A											
Blank (BK41534-BLK1)								Prepared & Analyzed: 11/22/2024			
Mercury	ND	0.0002	mg/L								
LCS (BK41534-BS1)								Prepared & Analyzed: 11/22/2024			
Mercury	0.0019968	0.0002	mg/L	0.00200		99.8	80-120				
Duplicate (BK41534-DUP1)	*Source sample: 24K1288-03 (MW-4R)							Prepared & Analyzed: 11/22/2024			
Mercury	ND	0.0002	mg/L		ND					20	
Matrix Spike (BK41534-MS1)	*Source sample: 24K1288-03 (MW-4R)							Prepared & Analyzed: 11/22/2024			
Mercury	0.0020	0.0002	mg/L	0.00200	ND	98.6	75-125				
Matrix Spike Dup (BK41534-MSD1)	*Source sample: 24K1288-03 (MW-4R)							Prepared & Analyzed: 11/22/2024			
Mercury	0.0019	0.0002	mg/L	0.00200	ND	92.9	75-125		5.96	200	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24K1288-01	MW-1R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K1288-02	MW-3R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K1288-03	MW-4R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K1288-04	MW-5R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K1288-05	Dup	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K1288-06	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K1288-07	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: Per client request 11/19/24, the Field Blank sample is to be analyzed for VOCs and PFAS only.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project Number: 24K1288

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK

Page _____ of _____

Report To:
Company: HRP Associates
Address: 1 Fairchild Sq. Suite 110 Clifton Park NY
Phone: 518 538 4444
Contact:
E-mail: Nicholas.willmart@hrpassociates.com patrick.meitzler@hrpassociates.com

Invoice To:
Company: HRP Associates
Address:
Phone.:
Contact:
E-mail: hrp.invoices@hrpassociates.com

YOUR Project Name / Number: 7-11 Johnes St. NEW6312.RA

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day); PFAS Standard 7-10 Day

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

Samples Collected by: (print AND sign your name) Nicholas Willmart

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs + TO 8260 TICs	PFAS 1633	1,4 Dioxane 8270 SIM	TCL SVOCs + 30 8270 TICs	RCRA Metals 6010	MS MSD	Grab or Comp.
MW-1R	11/15/24	1115	GW	5	3		1							X	X	X	X	X		G
MW-3R	11/15/24	1100	GW	5	3		1							X	X	X	X	X		G
MW-4R	11/15/24	1245	GW	5	3		1							X	X	X	X	X	X	G
MW-5R	11/15/24	1332	GW	5	3		1							X	X	X	X	X		G
Dup	11/15/24	—	GW	5	3		1							X	X	X	X	X		G
Field Blank	11/15/24	1300	GW	5	3		1							X	X	X	X	X		G
Trip Blank	11/15/24	—	GW		2									X						

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

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

Field Filtered

Lab Filtered

Comments: Please report to: edd@hrpassociates.com

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

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N | Containers Intact: Y / N | COC/Labels Agree: Y / N | Preservation Confirmed: Y / N
COC Complete: Y / N | COC Received: Y / N | Appropriate Sample Volumes: Y / N | Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N | Samples Submitted within Holding Times: Y / N | Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company:	Date/Time: 11/15/24 1950	1. Samples Received by / Company: Chris C	Date/Time: 11-18-24 10:15
2. Samples Received by / Company:	Date/Time:	3. Samples Relinquished by / Company:	Date/Time:
4. Samples Relinquished by / Company:	Date/Time:	4. Samples Received by / Company:	Date/Time:

2. Samples Relinquished by / Company: Chris C	Date/Time: 11-18-24 1410
3. Samples Received by / Company:	Date/Time:
Samples Received in LAB by:	Date/Time: 11/18/24 14:10 Temperature: 4.3°C

APPENDIX H
Data Usability Summary Reports

ALPHA
GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

January 9, 2025

Mr. Patrick Montuori, P.G.
Associate Project Manager
HRP Associates, Inc.
1 Fairchild Square, Suite 110
Clifton Park, New York 12065

Re: Data Usability Summary Report
7-11 Johnes Street, Newburgh, NY (Site no: B00188)
Ground Water and Soil Sampling Events

Dear Mr. Montuori:

The data usability summary reports (DUSRs) and data validation summary are attached to this letter for the 7-11 Johnes Street, April-November 2024 soil and ground water sampling events. The data for York Analytical Laboratories, Inc., SDG numbers 24D1534, 24K0025, and 24K1288 are mostly acceptable with some issues identified in the validation summaries. There are data that were qualified as rejected, unusable (R) in data packs 24D1534 and 24K1288. The data is rejected based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of common data validation acronyms and data validation qualifiers are attached to this letter to assist you interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist HRP Associates, Inc.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

z:\projects\2024\24621-24640\24623-7-11 jones street\task 1 dusr\temp-review\johnes street-241.ltr.docx

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Polyfluorinated Alkyl Substances (PFAS) Acronyms

PFBA	Perfluorobutanoic acid
PFPeA	Perfluoropentanoic acid
PFHxA	Perfluorohexanoic acid
PFHpA	Perfluoroheptanoic acid
PFOA	Perfluorooctanoic acid
PFNA	Perfluorononanoic acid
PFDA	Perfluorodecanoic acid
PFUnA	Perfluoroundecanoic acid
PFDoA	Perfluorododecanoic acid
PFTriA or PFTrDA	Perfluorotridecanoic acid
PFTeA or PFTA	Perfluorotetradecanoic acid
PFBS	Perfluorobutanesulfonic acid
PFPeS	Perfluoropentanesulfonic acid
PFHxS	Perfluorohexanesulfonic acid
PFHpS	Perfluoroheptanesulfonic acid
PFOS	Perfluorooctanesulfonic acid
PFNS	Perfluorononanesulfonic acid
PFDS	Perfluorodecanesulfonic acid
FOSA	Perfluorooctane Sulfonamide
NMeFOSAA	N-methyl perfluorooctane sulfonamidoacetic acid
NEtFOSAA	N-ethyl perfluorooctane sulfonamidoacetic acid
4:2 FTS or 4:2	1H, 1H, 2H, 2H-perfluorohexanesulfonic acid
6:2 FTS or 6:2	1H, 1H, 2H, 2H-perfluorooctanesulfonic acid or 6:2 Fluorotelomersulfonate
8:2 FTS or 8:2	1H, 1H, 2H, 2H-perfluorodecanesulfonic acid or 8:2 Fluorotelomersulfonate

24D1534

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
York Analytical Laboratories, Inc., SDG: 24D1534

1 Ground Water Sample, 1 Field Duplicate,
and 1 Equipment Blank
Collected April 18, 2024

Prepared by: Donald Anné
January 9, 2025

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 1 ground water sample, 1 field duplicate, and 1 equipment blank analyzed for PFAS and 1,4-dioxane.

The overall performances of the analyses are acceptable. York Analytical Laboratories, Inc. did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The "not detected" PFAS results for PFMPA were qualified as estimated (R) for the sample, field duplicate, and equipment blank because the percent recoveries for PFMPA were below QC limits and below 30% in the associated aqueous LCSs.

- The "not detected" PFAS results for 11CL-PF3OUdS and PFDoS were qualified as rejected, unusable (R) for sample MW-3 4.18.4 because 2 of 2 percent recoveries for 11CL-PF3OUdS and PFDoS were below QC limits and below 30% in the aqueous MS/MSD sample.

- The positive PFAS result for PFTrDA was qualified as estimated, biased high (J+) for sample MW-3 4.18.4 because 1 of 2 percent recoveries for PFTrDA was above QC limits in the aqueous MS/MSD sample.

- The "not detected" PFAS results for PFBA, N-MeFOSE, and N-EtFOSE were qualified as "estimated" (UJ) for sample MW-3 4.18.24 because percent recovery for the surrogate used to quantitate PFBA, N-MeFOSE, and N-EtFOSE were below QC limits, but not below 10% in the sample.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

- The positive PFAS results for PFOA and PFOS were qualified as estimated (J) for samples MW-3 4.18.24 and DUP because the relative percent differences for PFOA and PFOS were above the allowable maximum in the aqueous field duplicate pair MW-3 4.18.24/DUP.

- The positive PFAS result for PFHpA was qualified as "estimated" (J) for sample DUP because percent recovery for the surrogate used to quantitate PFHpA was below QC limits, but not below 10% in the sample.

- The "not detected" PFAS results for PFDoA and N-MeFOSA were qualified as "estimated" (UJ) for sample DUP because percent recoveries for the surrogate used to quantitate PFDoA and N-MeFOSA were below QC limits, but not below 10% in the sample.

- The "not detected" PFAS results for PFTrDA, N-MeFOSE, N-EtFOSE, and N-EtFOSA were qualified as "rejected, unusable" (R) for sample DUP because percent recovery for the surrogate used to quantitate PFTrDA, N-MeFOSE, N-EtFOSE, and N-EtFOSA were below QC limits and below 10% in the sample.

- The positive PFAS result for PFBA was qualified as "not detected" (ND) at the reporting limits for the equipment blank because the sample was associated with an instrument blank containing PFBA and reported concentration for PFBA was below the reporting limits.

- The "not detected" PFAS results for PFBA was qualified as "rejected, unusable" (R) for sample Equipment Blank because percent recovery for the surrogate used to quantitate PFBA was below QC limits and below 10% in the samples.

All data that are not qualified rejected (R) are considered usable with estimated (J+, J, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Sample Information

Client Sample ID: MW-3_4.18.24 **York Sample ID:** 24D1534-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 8:25 am	04/24/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	04/25/2024 08:06	04/26/2024 19:00	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*48.7 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**5.43**	J	ng/L	4.70	17.7	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**12.1**	J	ng/L	3.50	20.0	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	PF-CCV-L	ng/L	7.10	20.0	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**11.7**	J	ng/L	6.80	18.3	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**66.0**	J	ng/L	4.20	20.0	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**607**	J	ng/L	8.20	18.6	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**14.3**	J	ng/L	5.20	20.0	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	7.50	20.0	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	11.3	20.0	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	8.80	20.0	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**7.59**	J+ J	ng/L	7.40	20.0	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	6.90	20.0	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	7.90	20.0	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	10.3	20.0	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**9.60**	J	ng/L	2.30	40.0	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	8.80	20.0	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	9.10	19.1	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	13.2	19.3	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:26	ER
							Certifications:	NJDEP-NY037			

Sample Information

Client Sample ID: MW-3_4.18.24 **York Sample ID:** 24D1534-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 8:25 am	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	10.6	76.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	20.5	76.8	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	UJ	ng/L	3.30	80.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	5.00	35.6	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:26	ER
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	21.4	40.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:26	ER
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS-L	ng/L	2.50	40.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:26	ER
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.70	40.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:26	ER
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	7.60	18.8	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	17.9	75.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	32.3	80.0	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
763051-92-9	11CL-PF3OUdS	ND	R	ng/L	13.8	75.6	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
756426-58-1	9CL-PF3ONS	ND		ng/L	7.00	74.8	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
919005-14-4	ADONA	ND		ng/L	5.30	75.6	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	R	ng/L	9.30	19.4	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	8.60	19.2	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:26	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	20.3	50.0	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	73.3	250	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	94.7	250	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER
24448-09-7	* N-MeFOSE	ND	UJ	ng/L	39.9	200	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER
31506-32-8	* N-MeFOSA	ND		ng/L	15.8	20.0	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER
1691-99-2	* N-EtFOSE	ND	UJ	ng/L	39.9	200	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER
4151-50-2	* N-EtFOSA	ND		ng/L	18.0	20.0	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:26	ER

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*120 %*	*25-150*

Sample Information

Client Sample ID: MW-3_4.18.24 **York Sample ID:** 24D1534-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 8:25 am	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M5PFHxA	*117 %*			*25-150*						
	Surrogate: M4PFHpA	*158 %*	PFSu-H		*25-150*						
	Surrogate: M3PFHxS	*121 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C8]octanoic acid	*101 %*			*25-150*						
	Surrogate: M6PFDA	*104 %*			*25-150*						
	Surrogate: M7PFUdA	*56.1 %*			*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecane	*23.2 %*	PFSu-L		*25-150*						
	Surrogate: M2PFTeDA	*15.3 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid	*17.1 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfon	*125 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*105 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfon	*99.9 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*54.2 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*40.2 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*242 %*	PFSu-H		*25-200*						
	Surrogate: M2-8:2 FTS	*90.8 %*			*25-200*						
	Surrogate: M9PFNA	*106 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*250 %*	PFSu-H		*25-150*						
	Surrogate: d-N-MeFOSA	*47.2 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*32.7 %*			*25-150*						
	Surrogate: M3HFPO-DA	*114 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*14.3 %*	PFSu-L		*25-150*						
	Surrogate: d7-N-MeFOSE	*17.0 %*	PFSu-L		*25-150*						

Sample Information

Client Sample ID: DUP **York Sample ID:** 24D1534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 3:00 pm	04/24/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	04/25/2024 08:06	04/26/2024 19:18	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*46.2 %*	*36.6-118*

Sample Information

Client Sample ID: DUP

York Sample ID: 24D1534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 3:00 pm	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**7.07**		ng/L	0.457	1.72	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**9.94**		ng/L	0.340	1.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**4.50**	J PF-CCV-L	ng/L	0.691	1.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**13.3**		ng/L	0.661	1.78	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**45.5**	J	ng/L	0.408	1.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**457**	J	ng/L	0.798	1.81	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**3.80**		ng/L	0.506	1.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.729	1.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.10	1.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND	UJ	ng/L	0.856	1.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND	R	ng/L	0.720	1.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	*** Perfluorotetradecanoic acid (PFTA)**	**0.813**	J	ng/L	0.671	1.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.768	1.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	**N-EtFOSAA**	**1.49**	J	ng/L	1.00	1.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**11.2**		ng/L	0.224	3.89	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**1.64**	J	ng/L	0.856	1.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NJDEP-NY037			
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**3.55**		ng/L	0.885	1.86	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.28	1.88	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.03	7.39	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.99	7.47	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.321	7.78	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.486	3.46	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.08	3.89	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS-L	ng/L	0.243	3.89	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:42	ER
							Certifications:	NELAC-NY12058			

Sample Information

Client Sample ID: DUP

York Sample ID: 24D1534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 3:00 pm	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.360	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	05/01/2024 18:32	05/03/2024 00:42	ER
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**2.75**		ng/L	0.739	1.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.74	7.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.14	7.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.34	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
756426-58-1	9CL-PF3ONS	ND		ng/L	0.681	7.27	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
919005-14-4	ADONA	ND		ng/L	0.515	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.905	1.89	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.836	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	05/01/2024 18:32	05/03/2024 00:42	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.97	4.86	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.13	24.3	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.21	24.3	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER
24448-09-7	* N-MeFOSE	ND	R	ng/L	3.88	19.5	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER
31506-32-8	* N-MeFOSA	ND	UJ	ng/L	1.54	1.95	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER
1691-99-2	* N-EtFOSE	ND	R	ng/L	3.88	19.5	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER
4151-50-2	* N-EtFOSA	ND	R	ng/L	1.75	1.95	1	EPA 1633 Draft 3 Certifications:	05/01/2024 18:32	05/03/2024 00:42	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*104 %*		*25-150*
Surrogate: M5PFHxA	*107 %*		*25-150*
Surrogate: M4PFHpA	*151 %*	PFSu-H	*25-150*
Surrogate: M3PFHxS	*104 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid	*82.9 %*		*25-150*
Surrogate: M6PFDA	*74.2 %*		*25-150*
Surrogate: M7PFUdA	*43.4 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic	*14.5 %*	PFSu-L	*25-150*
Surrogate: M2PFTeDA	*5.96 %*	PFSu-L	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid	*41.1 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic	*106 %*		*25-150*

Sample Information

Client Sample ID: DUP **York Sample ID:** 24D1534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 3:00 pm	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*108 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfon	*84.2 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*50.8 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*37.9 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*244 %*	PFSu-H		*25-200*						
	Surrogate: M2-8:2 FTS	*79.1 %*			*25-200*						
	Surrogate: M9PFNA	*88.8 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*365 %*	PFSu-H		*25-150*						
	Surrogate: d-N-MeFOSA	*20.3 %*	PFSu-L		*25-150*						
	Surrogate: d-N-EtFOSA	*8.65 %*	PFSu-L		*25-150*						
	Surrogate: M3HFPO-DA	*103 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*6.31 %*	PFSu-L		*25-150*						
	Surrogate: d7-N-MeFOSE	*8.41 %*	PFSu-L		*25-150*						

Sample Information

Client Sample ID: Equipment Blank **York Sample ID:** 24D1534-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 5:30 pm	04/24/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	04/25/2024 08:06	04/26/2024 19:35	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.7 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.464	1.75	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
						Certifications:	NELAC-NY12058,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.346	1.98	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
						Certifications:	NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	PF-CC V-L	ng/L	0.701	1.98	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
						Certifications:	NELAC-NY12058,NJDEP-NY037				
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.672	1.81	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
						Certifications:	NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24D1534-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 5:30 pm	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.415	1.98	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.810	1.84	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.514	1.98	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.741	1.98	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.12	1.98	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.869	1.98	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.731	1.98	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.681	1.98	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.780	1.98	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.98	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.227	3.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.869	1.98	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.899	1.89	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.30	1.91	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.05	7.51	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.02	7.58	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**ND**	**R** J	ng/L	0.326	7.90	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.494	3.52	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.11	3.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS-L	ng/L	0.247	3.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.365	3.95	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058			
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.751	1.86	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.77	7.41	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24D1534-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 5:30 pm	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.19	7.90	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.36	7.47	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.691	7.39	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.523	7.47	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.918	1.92	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.849	1.90	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.00	4.94	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.24	24.7	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.35	24.7	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	3.94	19.8	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.56	1.98	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	3.94	19.8	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:				
4151-50-2	* N-EtFOSA	ND		ng/L	1.78	1.98	1	EPA 1633 Draft 3	05/01/2024 18:32	05/03/2024 00:58	ER
							Certifications:				

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*103 %*		*25-150*
Surrogate: M5PFHxA	*109 %*		*25-150*
Surrogate: M4PFHpA	*153 %*	PFSu-H	*25-150*
Surrogate: M3PFHxS	*105 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*81.0 %*		*25-150*
Surrogate: M6PFDA	*98.5 %*		*25-150*
Surrogate: M7PFUdA	*80.5 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*61.5 %*		*25-150*
Surrogate: M2PFTeDA	*48.4 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*3.04 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfon	*99.9 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*64.3 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfon	*86.4 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*69.9 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*65.9 %*		*25-150*
Surrogate: M2-6:2 FTS	*216 %*	PFSu-H	*25-200*
Surrogate: M2-8:2 FTS	*90.4 %*		*25-200*

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24D1534-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1534	NEW6312. RA 7-11 Johnes Street	Ground Water	April 18, 2024 5:30 pm	04/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M9PFNA	*99.5 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*207 %*	PFSu-H		*25-150*						
	Surrogate: d-N-MeFOSA	*55.7 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*55.1 %*			*25-150*						
	Surrogate: M3HFPO-DA	*108 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*44.8 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*46.2 %*			*25-150*						

1,4-Dioxane

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM 1,4-Dioxane Data
for York Analytical Laboratories, Inc., SDG: 24D1534

1 Ground Water Sample, 1 Field Duplicate,
and 1 Equipment Blank
Collected April 18, 2024

Prepared by: Donald Anné
January 9, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRF for 1,4-dioxane was above the allowable minimum (0.010) and the %RSD was below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (20%), as required.

Blanks: The analyses of the method and equipment blanks reported 1,4-dioxane as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Surrogate Recovery: The surrogate recoveries were within QC limits for the ground water samples and equipment blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-3 4.18.24.

Laboratory Control Sample: The percent recovery for 1,4-dioxane was within QC limits for aqueous sample BD41916-BS1.

Field Duplicates: The analyses of aqueous field duplicate pair MW-3 4.18.24/DUP reported 1,4-dioxane as not detected; therefore, a valid relative percent difference could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked surrogate results were within quantitation limits. The analyses of the ground water samples reported 1,4-dioxane as not detected.

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PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
York Analytical Laboratories, Inc., SDG: 24D1534

1 Ground Water Sample, 1 Field Duplicate,
and 1 Equipment Blank
Collected April 18, 2024

Prepared by: Donald Anné
January 9, 2025

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration (Internal Standard): The Quad CODs for 8:2 FTS, 4:2 FTS, and 6:2FTS were below the allowable minimum (0.995) for LCQQQ on 04-12-24. Positive results for these PFAS should be considered estimated (J) in associated samples.

Continuing Calibration: The %D for PFHpA was above the allowable maximum (30%) on 04-30-24 (QQQ38545.d). Positive results for PFHpA should be considered estimated (J) in associated samples.

Blanks: Method blank BD40089-BLK1 contained a trace of PFBA (1.15 ng/L). Positive results for these PFBA that are below the reporting limit (RL) should be reported as not detected (U) at the reporting limit in associated samples. Positive results for these PFAS that are above the RL and less than ten times the highest blank level should be considered estimated, biased high (J+) in associated samples.

Internal Standard Area Summary: The internal standard retention times were within control limits.

Surrogate Recovery: Three of twenty-four surrogate recoveries for samples MW-3 4.18.24, DUP, and Equipment Blank were above QC limits. Positive results associated with the surrogate below QC limits should be considered estimated (J) in the samples.

Four of twenty-four surrogate recoveries for sample DUP were below QC limits and below 10%. One of twenty-four surrogate recoveries for sample Equipment Blank was below QC limits and below 10%. Positive results associated with the surrogate below QC limits should be considered estimated (J) and "not detected" results rejected, unusable (R) in the samples.

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Four of twenty-four surrogate recoveries for sample MW-3 4.18.24 were below QC limits, but not below 10%. Two of twenty-four surrogate recoveries for sample DUP were below QC limits, but not below 10%. Positive and "not detected" results associated with the surrogate below QC limits should be considered estimated (J or UJ) in the samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for PFTrDA was above the allowable maximum; 1 of 2 percent recoveries (%Rs) for PFTrDA and N-MeFOSAA were above QC limits; and 2 of 2 %Rs for 11CL-PF3OUdS and PFDoS were below QC limits and below 30% for aqueous MS/MSD sample MW-3 4.18.24. The positive result for PFTrDA should be considered estimated, biased, high (J+) and the "not detected" results 11CL-PF3OUdS and PFDoS rejected, unusable (R) for ample MW-3 4.18.24.

Laboratory Control Sample: The percent recoveries for PFMPA were below QC limits, but not below 30% for aqueous samples BE40089-BS1 and BE40089-BS2. Positive results for PFMPA should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Field Duplicates: The relative percent differences for PFOS and PFOA were above the allowable maximum (20%) for aqueous field duplicate pair MW-3 4.18.24/DUP (attached table). Positive results for PFOS and PFOA should be considered estimated in samples MW-3 4.18.24 and DUP.

Compound ID: Checked PFAS and surrogate results were within LC quantitation limits.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D1534
Client: HRP Associates, Inc.
Project: NEW6312. RA 7-11 Johnes Street
Sequence: S4E0255
Instrument: LCQQQ
Calibration: SD40022

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-3_4.18.24 (24D1534-01RE1)			Lab File ID: QQQ38554.d		Analyzed: 05/03/24 00:26			
M3PFBS	233	120	25 - 150	5.1503	5.120317	0.0300	+/-1.00	
M5PFHxA	250	117	25 - 150	5.963767	5.912971	0.0508	+/-1.00	
M4PFHpA	250	158	25 - 150	6.7982	6.691233	0.1070	+/-1.00	*
M3PFHxS	237	121	25 - 150	6.908283	6.793927	0.1144	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	250	101	25 - 150	7.492383	7.349544	0.1428	+/-1.00	
M6PFDA	125	104	25 - 150	8.624267	8.473398	0.1509	+/-1.00	
M7PFUdA	125	56.1	25 - 150	9.069117	8.938746	0.1304	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	125	23.2	25 - 150	9.46635	9.34359	0.1228	+/-1.00	*
M2PFTeDA	125	15.3	10 - 150	10.12883	10.02743	0.1014	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	1000	17.1	25 - 150	1.149733	1.163498	-0.0138	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	240	125	25 - 150	8.141117	7.984498	0.1566	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	500	105	25 - 150	4.35715	4.34566	0.0115	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	250	99.9	10 - 150	9.11055	8.940413	0.1701	+/-1.00	
d3-N-MeFOSAA	500	54.2	25 - 150	8.816767	8.672683	0.1441	+/-1.00	
d5-N-EtFOSAA	500	40.2	25 - 150	9.049334	8.908492	0.1408	+/-1.00	
M2-6:2 FTS	476	242	25 - 200	7.41745	7.283108	0.1343	+/-1.00	*
M2-8:2 FTS	480	90.8	25 - 200	8.5864	8.427277	0.1591	+/-1.00	
M9PFNA	125	106	25 - 150	8.096316	7.945244	0.1511	+/-1.00	
M2-4:2 FTS	469	250	25 - 150	5.88805	5.834669	0.0534	+/-1.00	*
d-N-MeFOSA	250	47.2	25 - 150	9.9144	9.813017	0.1014	+/-1.00	
d-N-EtFOSA	250	32.7	25 - 150	10.18063	10.09118	0.0895	+/-1.00	
M3HFPO-DA	1000	114	25 - 150	6.262866	6.1979	0.0650	+/-1.00	
d9-N-EtFOSE	2500	14.3	25 - 150	10.13147	10.04041	0.0911	+/-1.00	*
d7-N-MeFOSE	2500	17.0	25 - 150	9.883034	9.771829	0.1112	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D1534
Client: HRP Associates, Inc.
Project: NEW6312. RA 7-11 Johnes Street
Sequence: S4E0255
Instrument: LCQQQ
Calibration: SD40022

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
DUP (24D1534-02)			Lab File ID: QQQ38555.d		Analyzed: 05/03/24 00:42			
M3PFBS	22.7	104	25 - 150	5.1503	5.120317	0.0300	+/-1.00	
M5PFHxA	24.3	107	25 - 150	5.973	5.912971	0.0600	+/-1.00	
M4PFHpA	24.3	151	25 - 150	6.7982	6.691233	0.1070	+/-1.00	*
M3PFHxS	23.1	104	25 - 150	6.908283	6.793927	0.1144	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.3	82.9	25 - 150	7.492383	7.349544	0.1428	+/-1.00	
M6PFDA	12.2	74.2	25 - 150	8.62425	8.473398	0.1509	+/-1.00	
M7PFUdA	12.2	43.4	25 - 150	9.069117	8.938746	0.1304	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.2	14.5	25 - 150	9.46635	9.34359	0.1228	+/-1.00	*
M2PFTeDA	12.2	5.96	10 - 150	10.11962	10.02743	0.0922	+/-1.00	*
Perfluoro-n-[13C4]butanoic acid (MPFBA)	97.3	41.1	25 - 150	1.168083	1.163498	0.0046	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.3	106	25 - 150	8.13185	7.984498	0.1474	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	48.6	108	25 - 150	4.34795	4.34566	0.0023	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.3	84.2	10 - 150	9.101267	8.940413	0.1609	+/-1.00	
d3-N-MeFOSAA	48.6	50.8	25 - 150	8.816767	8.672683	0.1441	+/-1.00	
d5-N-EtFOSAA	48.6	37.9	25 - 150	9.049334	8.908492	0.1408	+/-1.00	
M2-6:2 FTS	46.2	244	25 - 200	7.426717	7.283108	0.1436	+/-1.00	*
M2-8:2 FTS	46.7	79.1	25 - 200	8.5864	8.427277	0.1591	+/-1.00	
M9PFNA	12.2	88.8	25 - 150	8.096316	7.945244	0.1511	+/-1.00	
M2-4:2 FTS	45.6	365	25 - 150	5.88805	5.834669	0.0534	+/-1.00	*
d-N-MeFOSA	24.3	20.3	25 - 150	9.905167	9.813017	0.0922	+/-1.00	*
d-N-EtFOSA	24.3	8.65	25 - 150	10.16222	10.09118	0.0710	+/-1.00	*
M3HFPO-DA	97.3	103	25 - 150	6.272117	6.1979	0.0742	+/-1.00	
d9-N-EtFOSE	243	6.31	25 - 150	10.12225	10.04041	0.0818	+/-1.00	*
d7-N-MeFOSE	243	8.41	25 - 150	9.8738	9.771829	0.1020	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D1534
Client: HRP Associates, Inc.
Project: NEW6312. RA 7-11 Johnes Street
Sequence: S4E0255
Instrument: LCQQQ
Calibration: SD40022

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Equipment Blank (24D1534-03)			Lab File ID: QQQ38556.d		Analyzed: 05/03/24 00:58			
M3PFBS	23.0	103	25 - 150	5.1503	5.120317	0.0300	+/-1.00	
M5PFHxA	24.7	109	25 - 150	5.963767	5.912971	0.0508	+/-1.00	
M4PFHpA	24.7	153	25 - 150	6.80745	6.691233	0.1162	+/-1.00	*
M3PFHxS	23.4	105	25 - 150	6.908283	6.793927	0.1144	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.7	81.0	25 - 150	7.492383	7.349544	0.1428	+/-1.00	
M6PFDA	12.3	98.5	25 - 150	8.624267	8.473398	0.1509	+/-1.00	
M7PFUdA	12.3	80.5	25 - 150	9.069117	8.938746	0.1304	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.3	61.5	25 - 150	9.46635	9.34359	0.1228	+/-1.00	
M2PFTeDA	12.3	48.4	10 - 150	10.11962	10.02743	0.0922	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	98.8	3.04	25 - 150	1.149733	1.163498	-0.0138	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.7	99.9	25 - 150	8.13185	7.984498	0.1474	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	49.4	64.3	25 - 150	4.34795	4.34566	0.0023	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.7	86.4	10 - 150	9.101267	8.940413	0.1609	+/-1.00	
d3-N-MeFOSAA	49.4	69.9	25 - 150	8.816767	8.672683	0.1441	+/-1.00	
d5-N-EtFOSAA	49.4	65.9	25 - 150	9.049334	8.908492	0.1408	+/-1.00	
M2-6:2 FTS	47.0	216	25 - 200	7.426717	7.283108	0.1436	+/-1.00	*
M2-8:2 FTS	47.4	90.4	25 - 200	8.577133	8.427277	0.1499	+/-1.00	
M9PFNA	12.3	99.5	25 - 150	8.096316	7.945244	0.1511	+/-1.00	
M2-4:2 FTS	46.3	207	25 - 150	5.88805	5.834669	0.0534	+/-1.00	*
d-N-MeFOSA	24.7	55.7	25 - 150	9.9144	9.813017	0.1014	+/-1.00	
d-N-EtFOSA	24.7	55.1	25 - 150	10.17143	10.09118	0.0803	+/-1.00	
M3HFPO-DA	98.8	108	25 - 150	6.262866	6.1979	0.0650	+/-1.00	
d9-N-EtFOSE	247	44.8	25 - 150	10.12225	10.04041	0.0818	+/-1.00	
d7-N-MeFOSE	247	46.2	25 - 150	9.8738	9.771829	0.1020	+/-1.00	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 1633 Draft 3

MW-3_4.18.24

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D1534
Client:	HRP Associates, Inc.	Project:	NEW6312. RA 7-11 Johnes Street
Matrix:	Water		
Batch:	BE40089	Laboratory ID:	BE40089-MS1
Preparation:	EPA 1633 Prep	Initial/Final:	488.01 mL / 5 mL

Source Sample Name: MW-3_4.18.24

COMPOUND	SPIKE ADDED (ng/L)	SAMPLE CONCENTRATION (ng/L)	MS CONCENTRATION (ng/L)	MS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	77.5	ND	9.70	12.5 *	25 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	157	ND	172	109	25 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	154	ND	157	102	25 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	156	7.53	179	110	25 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	820	ND	876	107	25 - 150
3-Perfluoropentyl propanoic acid (FPePA)	820	ND	764	93.2	25 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	164	ND	145	88.4	25 - 150
9CL-PF3ONS	76.6	ND	47.3	61.7	25 - 150
ADONA	77.5	ND	84.4	109	25 - 150
HFPO-DA (Gen-X)	82.0	ND	77.1	94.0	25 - 150
N-EtFOSA	41.0	4.15	58.4	132	25 - 150
N-EtFOSAA	41.0	ND	48.2	118	25 - 150
N-EtFOSE	410	ND	372	90.7	25 - 150
N-MeFOSA	41.0	4.49	47.9	106	25 - 150
N-MeFOSAA	41.0	ND	55.6	136	25 - 150
N-MeFOSE	410	ND	345	84.1	25 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	72.9	ND	76.1	104	25 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	39.5	ND	10.1	25.4	25 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	39.1	1.53	48.7	120	25 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	39.3	1.70	20.7	48.4	25 - 150
Perfluoro-1-octanesulfonamide (FOSA)	41.0	ND	43.3	106	25 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	38.5	3.19	43.3	104	25 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	82.0	2.33	59.1	69.3	25 - 150

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 1633 Draft 3

MW-3_4.18.24

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D1534
Client:	HRP Associates, Inc.	Project:	NEW6312. RA 7-11 Johnes Street
Matrix:	Water		
Batch:	BE40089	Laboratory ID:	BE40089-MS1
Preparation:	EPA 1633 Prep	Initial/Final:	488.01 mL / 5 mL

Source Sample Name: MW-3_4.18.24

COMPOUND	SPIKE ADDED (ng/L)	SAMPLE CONCENTRATION (ng/L)	MS CONCENTRATION (ng/L)	MS % REC. #	QC LIMITS REC.
Perfluoro-4-oxapentanoic acid (PFMPA)	82.0	ND	64.5	78.7	25 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	82.0	ND	80.3	97.9	25 - 150
Perfluorobutanesulfonic acid (PFBS)	36.3	5.43	41.8	100	25 - 150
Perfluorodecanoic acid (PFDA)	41.0	2.52	41.4	95.0	25 - 150
Perfluorododecanesulfonic acid (PFDoS)	39.8	2.12	2.52	1.00 *	25 - 150
Perfluorododecanoic acid (PFDoA)	41.0	ND	53.2	130	25 - 150
Perfluoroheptanoic acid (PFHpA)	41.0	5.02	32.0	65.9	25 - 150
Perfluorohexanesulfonic acid (PFHxS)	37.5	11.7	52.8	110	25 - 150
Perfluorohexanoic acid (PFHxA)	41.0	12.1	50.0	92.4	25 - 150
Perfluoro-n-butanoic acid (PFBA)	164	ND	180	110	25 - 150
Perfluorononanoic acid (PFNA)	41.0	14.3	48.0	82.2	25 - 150
Perfluorooctanesulfonic acid (PFOS)	38.1	607	542	NA	25 - 150
Perfluorooctanoic acid (PFOA)	41.0	66.0	100	83.9	25 - 150
Perfluoropentanoic acid (PFPeA)	82.0	9.60	93.4	102	25 - 150
Perfluorotetradecanoic acid (PFTA)	41.0	1.95	43.7	102	25 - 150
Perfluorotridecanoic acid (PFTrDA)	41.0	7.59	81.6	181 *	25 - 150
Perfluoroundecanoic acid (PFUnA)	41.0	1.78	60.5	143	25 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NA - Sample concentration is greater than 4X the spiking level; therefore, the %REC is not applicable.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 1633 Draft 3

MW-3_4.18.24

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D1534
Client:	HRP Associates, Inc.	Project:	NEW6312. RA 7-11 Johnes Street
Matrix:	Water		
Batch:	BE40089	Laboratory ID:	BE40089-MSD1
Preparation:	EPA 1633 Prep	Initial/Final:	485.15 mL / 5 mL

Source Sample Name: MW-3_4.18.24

COMPOUND	SPIKE ADDED (ng/L)	MSD CONCENTRATION (ng/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
11CL-PF3OUdS	77.9	17.2	22.1 *		30	25 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	158	168	106	2.25	35	25 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	155	160	103	1.92	30	25 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	157	180	110	0.171	35	25 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	824	954	116	8.44	30	25 - 150
3-Perfluoropentyl propanoic acid (FPePA)	824	713	86.4	6.94	30	25 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	165	132	80.1	9.30	30	25 - 150
9CL-PF3ONS	77.1	62.0	80.4	26.8	30	25 - 150
ADONA	77.9	90.1	116	6.57	30	25 - 150
HFPO-DA (Gen-X)	82.4	84.7	103	9.44	30	25 - 150
N-EtFOSA	41.2	56.6	127	3.06	30	25 - 150
N-EtFOSAA	41.2	60.7	147	23.0	35	25 - 150
N-EtFOSE	412	438	106	16.4	30	25 - 150
N-MeFOSA	41.2	48.8	107	1.90	30	25 - 150
N-MeFOSAA	41.2	70.4	171 *	23.3	35	25 - 150
N-MeFOSE	412	445	108	25.4	30	25 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	73.4	76.9	105	1.09	30	25 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	39.8	12.1	30.3		35	25 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	39.4	42.7	105	13.0	35	25 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	39.6	21.7	50.6	4.58	30	25 - 150
Perfluoro-1-octanesulfonamide (FOSA)	41.2	45.5	110	5.07	35	25 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	38.8	39.6	94.1	8.76	30	25 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	82.4	63.6	74.3	7.28	30	25 - 150

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 1633 Draft 3

MW-3_4.18.24

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D1534
Client: HRP Associates, Inc.
Project: NEW6312. RA 7-11 Johnes Street
Matrix: Water
Batch: BE40089
Laboratory ID: BE40089-MSD1
Preparation: EPA 1633 Prep
Initial/Final: 485.15 mL / 5 mL
Source Sample Name: MW-3_4.18.24

COMPOUND	SPIKE ADDED (ng/L)	MSD CONCENTRATION (ng/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Perfluoro-4-oxapentanoic acid (PFMPA)	82.4	51.2	62.1	22.9	30	25 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	82.4	81.3	98.7	1.33	30	25 - 150
Perfluorobutanesulfonic acid (PFBS)	36.5	40.2	95.3	4.00	35	25 - 150
Perfluorodecanoic acid (PFDA)	41.2	47.1	108	12.8	35	25 - 150
Perfluorododecanesulfonic acid (PFDoS)	40.0	4.35	5.56 *		30	25 - 150
Perfluorododecanoic acid (PFDoA)	41.2	48.5	118	9.27	35	25 - 150
Perfluoroheptanoic acid (PFHpA)	41.2	33.9	70.2	5.80	35	25 - 150
Perfluorohexanesulfonic acid (PFHxS)	37.7	50.6	103	4.23	35	25 - 150
Perfluorohexanoic acid (PFHxA)	41.2	53.7	101	7.22	35	25 - 150
Perfluoro-n-butanoic acid (PFBA)	165	181	110	0.307	35	25 - 150
Perfluorononanoic acid (PFNA)	41.2	48.9	84.0	1.97	35	25 - 150
Perfluorooctanesulfonic acid (PFOS)	38.3	516	NA	4.99	35	25 - 150
Perfluorooctanoic acid (PFOA)	41.2	123	137	20.0	35	25 - 150
Perfluoropentanoic acid (PFPeA)	82.4	91.4	99.2	2.15	35	25 - 150
Perfluorotetradecanoic acid (PFTA)	41.2	52.4	122	18.1	35	25 - 150
Perfluorotridecanoic acid (PFTrDA)	41.2	56.0	117	37.2 *	35	25 - 150
Perfluoroundecanoic acid (PFUnA)	41.2	54.6	128	10.2	35	25 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NA - Sample concentration is greater than 4X the spiking level; therefore, the %REC is not applicable.

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D1534
Client:	HRP Associates, Inc.	Project:	NEW6312. RA 7-11 Johnes Street
Matrix:	Water		
Batch:	BE40089	Laboratory ID:	BE40089-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	250 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	151	106	70.0	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	307	324	105	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	300	335	112	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	304	333	110	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	1600	2030	127	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	1600	1560	97.6	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	320	218	68.2	50 - 150
9CL-PF3ONS	150	126	84.4	50 - 150
ADONA	151	152	100	50 - 150
HFPO-DA (Gen-X)	160	148	92.6	50 - 150
N-EtFOSA	80.0	83.7	105	50 - 150
N-EtFOSAA	80.0	81.9	102	50 - 150
N-EtFOSE	800	750	93.8	50 - 150
N-MeFOSA	80.0	77.6	97.0	50 - 150
N-MeFOSAA	80.0	85.6	107	50 - 150
N-MeFOSE	800	653	81.6	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	142	137	95.9	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	77.2	60.3	78.1	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	76.4	67.4	88.3	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	76.8	53.9	70.2	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	80.0	78.6	98.3	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	75.2	74.0	98.4	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	160	134	83.9	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	160	33.5	20.9 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	160	186	116	50 - 150
Perfluorobutanesulfonic acid (PFBS)	70.8	65.8	92.9	50 - 150
Perfluorodecanoic acid (PFDA)	80.0	79.1	98.9	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	77.6	41.7	53.7	50 - 150
Perfluorododecanoic acid (PFDoA)	80.0	74.0	92.6	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D1534
Client:	HRP Associates, Inc.	Project:	NEW6312. RA 7-11 Johnes Street
Matrix:	Water		
Batch:	BE40089	Laboratory ID:	BE40089-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	250 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	80.0	50.2	62.7	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	73.2	73.6	101	50 - 150
Perfluorohexanoic acid (PFHxA)	80.0	78.7	98.4	50 - 150
Perfluoro-n-butanoic acid (PFBA)	320	287	89.7	50 - 150
Perfluorononanoic acid (PFNA)	80.0	81.1	101	50 - 150
Perfluorooctanesulfonic acid (PFOS)	74.4	66.5	89.4	50 - 150
Perfluorooctanoic acid (PFOA)	80.0	86.8	108	50 - 150
Perfluoropentanoic acid (PFPeA)	160	154	96.5	50 - 150
Perfluorotetradecanoic acid (PFTA)	80.0	78.8	98.5	50 - 150
Perfluorotridecanoic acid (PFTrDA)	80.0	97.0	121	50 - 150
Perfluoroundecanoic acid (PFUnA)	80.0	89.3	112	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D1534
Client:	HRP Associates, Inc.	Project:	NEW6312. RA 7-11 Johnes Street
Matrix:	Water		
Batch:	BE40089	Laboratory ID:	BE40089-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	250 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	30.2	25.9	85.6	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	61.4	65.5	107	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	60.0	67.8	113	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	60.8	68.6	113	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	320	408	127	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	320	327	102	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	64.0	34.2	53.4	50 - 150
9CL-PF3ONS	29.9	27.9	93.3	50 - 150
ADONA	30.2	31.7	105	50 - 150
HFPO-DA (Gen-X)	32.0	34.1	107	50 - 150
N-EtFOSA	16.0	20.6	129	50 - 150
N-EtFOSAA	16.0	15.4	96.5	50 - 150
N-EtFOSE	160	135	84.5	50 - 150
N-MeFOSA	16.0	14.9	93.4	50 - 150
N-MeFOSAA	16.0	16.1	101	50 - 150
N-MeFOSE	160	127	79.2	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	28.5	26.8	94.0	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	15.4	15.8	102	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	15.3	14.0	91.8	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	15.4	13.2	85.7	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	16.0	15.6	97.7	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	15.0	14.2	94.5	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	32.0	31.7	99.0	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	32.0	4.28	13.4 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	32.0	42.4	133	50 - 150
Perfluorobutanesulfonic acid (PFBS)	14.2	12.9	91.3	50 - 150
Perfluorodecanoic acid (PFDA)	16.0	17.8	111	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	15.5	13.1	84.4	50 - 150
Perfluorododecanoic acid (PFDoA)	16.0	16.6	104	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D1534
Client:	HRP Associates, Inc.	Project:	NEW6312. RA 7-11 Johnes Street
Matrix:	Water		
Batch:	BE40089	Laboratory ID:	BE40089-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	250 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	16.0	9.66	60.4	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	14.6	15.0	102	50 - 150
Perfluorohexanoic acid (PFHxA)	16.0	15.3	95.4	50 - 150
Perfluoro-n-butanoic acid (PFBA)	64.0	54.1	84.5	50 - 150
Perfluorononanoic acid (PFNA)	16.0	18.3	114	50 - 150
Perfluorooctanesulfonic acid (PFOS)	14.9	17.1	115	50 - 150
Perfluorooctanoic acid (PFOA)	16.0	16.8	105	50 - 150
Perfluoropentanoic acid (PFPeA)	32.0	30.4	94.9	50 - 150
Perfluorotetradecanoic acid (PFTA)	16.0	15.3	95.7	50 - 150
Perfluorotridecanoic acid (PFTrDA)	16.0	17.8	111	50 - 150
Perfluoroundecanoic acid (PFUnA)	16.0	20.0	125	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D1534
Client:	HRP Associates, Inc.			Project:	NEW6312. RA 7-11 Johnes Street
Matrix:	Water	Laboratory ID:	BE40089-BLK1	File ID:	QQQ38547.d
Prepared:	05/01/24 18:32	Preparation:	EPA 1633 Prep	Initial/Final:	250 mL / 5 mL
Analyzed:	05/02/24 22:33	Instrument:	LCQQQ		
Batch:	BE40089	Sequence:	S4E0255	Calibration:	SD40022

CAS NO.	COMPOUND	CONC. (ng/L)	Q
763051-92-9	11CL-PF3OUdS	15.1	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.4	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.2	U
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	50.0	U
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	50.0	U
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	10.0	U
756426-58-1	9CL-PF3ONS	15.0	U
919005-14-4	ADONA	15.1	U
13252-13-6	HFPO-DA (Gen-X)	16.0	U
4151-50-2	N-EtFOSA	4.00	U
2991-50-6	N-EtFOSAA	4.00	U
1691-99-2	N-EtFOSE	40.0	U
31506-32-8	N-MeFOSA	4.00	U
2355-31-9	N-MeFOSAA	4.00	U
24448-09-7	N-MeFOSE	40.0	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.12	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	3.86	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	U
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	U
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	4.00	U
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	3.76	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.00	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	8.00	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	8.00	U
375-73-5	Perfluorobutanesulfonic acid (PFBS)	3.54	U
335-76-2	Perfluorodecanoic acid (PFDA)	4.00	U
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	3.88	U
307-55-1	Perfluorododecanoic acid (PFDoA)	4.00	U
375-85-9	Perfluoroheptanoic acid (PFHpA)	4.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D1534
Client:	HRP Associates, Inc.			Project:	NEW6312. RA 7-11 Johnes Street
Matrix:	Water	Laboratory ID:	BE40089-BLK1	File ID:	QQQ38547.d
Prepared:	05/01/24 18:32	Preparation:	EPA 1633 Prep	Initial/Final:	250 mL / 5 mL
Analyzed:	05/02/24 22:33	Instrument:	LCQQQ		
Batch:	BE40089	Sequence:	S4E0255	Calibration:	SD40022

CAS NO.	COMPOUND	CONC. (ng/L)	Q
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	3.66	U
307-24-4	Perfluorohexanoic acid (PFHxA)	4.00	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	1.15	J
375-95-1	Perfluorononanoic acid (PFNA)	4.00	U
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3.72	U
335-67-1	Perfluorooctanoic acid (PFOA)	4.00	U
2706-90-3	Perfluoropentanoic acid (PFPeA)	8.00	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	4.00	U
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	4.00	U
2058-94-8	Perfluoroundecanoic acid (PFUnA)	4.00	U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)		U
1180-95-6	Taurodeoxycholic Acid (TDCA)		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
d3-N-MeFOSAA	100	99.1	99.1	25 - 150	
d5-N-EtFOSAA	100	94.7	94.7	25 - 150	
d7-N-MeFOSE	500	326	65.1	25 - 150	
d9-N-EtFOSE	500	306	61.3	25 - 150	
d-N-EtFOSA	50.0	39.5	79.1	25 - 150	
d-N-MeFOSA	50.0	43.6	87.1	25 - 150	
M2-4:2 FTS	93.8	221	236	25 - 150	*
M2-6:2 FTS	95.1	220	231	25 - 200	*
M2-8:2 FTS	96.0	105	110	25 - 200	
M2PFTeDA	25.0	21.1	84.5	10 - 150	
M3HFPO-DA	200	256	128	25 - 150	
M3PFBS	46.6	58.2	125	25 - 150	
M3PFHxS	47.4	59.5	126	25 - 150	
M4PFHpA	50.0	90.6	181	25 - 150	*
M5PFHxA	50.0	57.6	115	25 - 150	
M6PFDA	25.0	32.0	128	25 - 150	

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24D1534
Client:	HRP Associates, Inc.			Project:	NEW6312. RA 7-11 Johnes Street
Matrix:	Water	Laboratory ID:	BE40089-BLK1	File ID:	QQQ38547.d
Prepared:	05/01/24 18:32	Preparation:	EPA 1633 Prep	Initial/Final:	250 mL / 5 mL
Analyzed:	05/02/24 22:33	Instrument:	LCQQQ		
Batch:	BE40089	Sequence:	S4E0255	Calibration:	SD40022

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
M7PFUdA	25.0	30.1	120	25 - 150	
M9PFNA	25.0	28.1	113	25 - 150	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	50.0	55.1	110	10 - 150	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	47.9	64.0	134	25 - 150	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	25.0	20.8	83.3	25 - 150	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	200	4.36	2.18	25 - 150	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	100	63.5	63.5	25 - 150	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	50.0	47.7	95.3	25 - 150	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
d3-N-MeFOSAA-EIS	22918.54	8.82605	23748.25	8.816767	
d3-NMeFOSA-EIS	1062.591	9.9144	1178.666	9.9144	
d5-N-EtFOSAA-EIS	18256.75	9.049334	19092.96	9.049334	
d5-NEtFOSA-EIS	578.0999	10.18065	729.4539	10.17143	
d7-NMeFOSE-EIS	6076.597	9.883034	7806.483	9.883034	
d9-NEtFOSE-EIS	2786.148	10.13147	3929.817	10.13147	
M2-4-2FTS-EIS	23912.23	5.8973	23706.52	5.8973	
M2-6-2FTS-EIS	20693.14	7.426717	19915.39	7.426717	
M2-8-2FTS-EIS	32435.47	8.5864	34077.05	8.577133	
M2PFTeDA-EIS	4038.478	10.1104	5361.536	10.1104	
M3-HFPO-DA-EIS	40429.18	6.272117	39980.41	6.272117	
M3PFBA	18723.81	1.14285	23874.35	1.1612	
M3PFBS-EIS	15548.54	5.1503	14868.74	5.159517	
M3PFHxS-EIS	11314.11	6.917533	10817.95	6.908283	
M4PFHpA-EIS	15413.37	6.80745	13912.87	6.7982	
M5PFHxA-EIS	54294	5.973	52933.64	5.973	
M6PFDA-EIS	12692.61	8.624267	11023.51	8.624267	
M7PFUdA-EIS	17634.54	9.078383	16724.7	9.069117	
MPFDA	7257.453	8.633917	9585.379	8.62465	
MPFHxA	29057.93	5.9742	35611.17	5.9742	
MPFHxS	3038.48	6.917067	3670.558	6.907817	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D1534
Client:	HRP Associates, Inc.	Project:	NEW6312. RA 7-11 Johnes Street
Instrument ID:	LCQQQ	Calibration:	SD40022
Lab File ID:	QQQ38545.d	Calibration Date:	04/12/24 05:00
Sequence:	S4E0255	Injection Date:	05/02/24
Lab Sample ID:	S4E0255-CCV4	Injection Time:	22:01

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	7.89	0.8881669	0.7037309		-16.5	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.1	0.1914345	0.2293575		5.2	30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	11.0	0.8346953	1.111002		17.5	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	11.6	0.9412081	1.365407		21.9	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	79.8	0.1250145	0.1650135		27.4	30
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	62.0	0.1258239	0.1325983		-0.9	30
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	12.3	1.742978E-02	1.663567E-02		-1.4	30
9CL-PF3ONS	A	9.35	8.66	1.394926	1.358202		-7.4	30
ADONA	A	9.45	9.63	0.5218019	0.5419806		2.0	30
HFPO-DA (Gen-X)	A	10.0	8.64	2.337189E-02	2.096413E-02		-13.6	30
N-EtFOSA	A	2.50	2.78	1.161777	1.200121		11.3	30
N-EtFOSAA	A	2.50	2.34	0.9466748	0.8954882		-6.5	30
N-EtFOSE	A	25.0	22.4	1.888607	1.695998		-10.2	30
N-MeFOSA	A	2.50	2.28	0.8030776	0.7412348		-8.9	30
N-MeFOSAA	A	2.50	2.66	0.7967723	0.8447764		6.5	30
N-MeFOSE	A	25.0	22.4	1.036155	0.9148408		-10.3	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.43	1.061519	1.119246		-0.4	30
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.45	0.8239837	0.8210212		1.8	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.23	2.942091	2.813658		-6.2	30
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.07	2.321077	1.948523		-14.0	30
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.46	1.47466	1.398762		-1.4	30
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.32	1.44443	1.348272		-1.4	30
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.19	1.577485E-02	1.374524E-02		-16.2	30

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24D1534
Client:	HRP Associates, Inc.	Project:	NEW6312. RA 7-11 Johnes Street
Instrument ID:	LCQQQ	Calibration:	SD40022
Lab File ID:	QQQ38545.d	Calibration Date:	04/12/24 05:00
Sequence:	S4E0255	Injection Date:	05/02/24
Lab Sample ID:	S4E0255-CCV4	Injection Time:	22:01

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	4.51	0.305581	0.2727284		-9.8	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	4.91	0.4215283	0.4130014		-1.9	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.13	1.083501	1.064598		-4.0	30	
Perfluorodecanoic acid (PFDA)	A	2.50	3.04	1.183166	1.249196		21.6	30	
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.34	0.4706041	0.4403715		-3.5	30	
Perfluorododecanoic acid (PFDoA)	A	2.50	2.42	0.7628463	0.7455425		-3.3	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	1.74	3.231744	2.486464		-30.3	30	*
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	2.48	1.22632	1.300266		8.8	30	
Perfluorohexanoic acid (PFHxA)	A	2.50	2.63	1.092186	1.182522		5.1	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	10.6	0.8341652	0.8864721		6.3	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.97	3.449174	4.061912		18.9	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	2.59	2.739275	3.11667		11.5	30	
Perfluorooctanoic acid (PFOA)	A	2.50	2.65	1.142804	1.217041		6.0	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	5.01	0.9807196	0.9780315		0.2	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.31	0.9845792	0.9308953		-7.7	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.77	1.309235	1.476967		10.6	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.83	0.7799775	0.8069194		13.2	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D1534
Client: HRP Associates, Inc.
Project: NEW6312. RA 7-11 Johnes Street
Calibration: SD40022
Instrument: LCQQQ
Calibration Date: 04/12/24 05:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
11CL-PF3OUdS	0.8881669	10.27058	9.198415	0.5220604		0.9996756	0.995	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.1914345	36.27262	8.427704	0.5139382		0.9934345	0.995	*
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.8346953	34.13064	5.83634	8.263251E-02		0.9904474	0.995	*
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.9412081	34.52198	7.283564	0.4351902		0.9914715	0.995	*
3-Perfluoroheptyl propanoic acid (FHpPA)	0.1250145	11.55614	8.064438	0.5430442		0.9994916	0.995	
3-Perfluoropentyl propanoic acid (FPePA)	0.1258239	9.965208	6.739317	0.3257273		0.9993152	0.995	
3-Perfluoropropyl propanoic acid (FPrPA)	1.742978E-02	5.847845	4.036176	0.8861881		0.9999656	0.995	
9CL-PF3ONS	1.394926	3.824634	8.313533	0.5299134		0.9998773	0.995	
ADONA	0.5218019	3.960592	6.825454	0.3738982		0.9998698	0.995	
d3-N-MeFOSAA	1.462215	6.354696	8.672683	0.5043125			20	
d5-N-EtFOSAA	1.219736	10.65809	8.908492	0.5122237			20	
d7-N-MeFOSE	0.1180153	11.55506	9.771829	0.5252509			20	
d9-N-EtFOSE	5.750606E-02	12.23688	10.04041	0.5866145			20	
d-N-EtFOSA	9.246698E-02	11.47955	10.09118	0.5948859			20	
d-N-MeFOSA	0.1542686	13.03548	9.813017	0.5804088			20	
HFPO-DA (Gen-X)	2.337189E-02	3.78685	6.198167	0.1373465		0.9999081	0.995	
M2-4:2 FTS	2.487917	65.10536	5.834669	0.1117583			20	*
M2-6:2 FTS	2.119691	64.48691	7.283108	0.4352835			20	*
M2-8:2 FTS	6.471895	54.57924	8.427277	0.5140544			20	*
M2PFTeDA	0.658283	16.11204	10.02743	0.5796313			20	
M3HFPO-DA	0.2723754	17.04099	6.1979	0.1372478			20	
M3PFBS	4.469764	8.791826	5.120317	0.3010969			20	
M3PFHxS	3.126578	8.698392	6.793927	0.3672618			20	
M4PFHpA	0.2926834	11.8367	6.691233	0.2983954			20	
M5PFHxA	1.622025	9.130117	5.912971	8.280672E-02			20	
M6PFDA	1.365727	14.33923	8.473398	0.5104499			20	
M7PFUdA	2.020745	12.29415	8.938746	0.5027449			20	
M9PFNA	0.2868639	10.75368	7.945244	0.4931564			20	
N-EtFOSA	1.161777	8.260709	10.10243	0.5987615		0.9997839	0.995	
N-EtFOSAA	0.9466748	5.110469	8.91361	0.4704378		0.9997878	0.995	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D1534
Client: HRP Associates, Inc.
Project: NEW6312. RA 7-11 Johnes Street
Calibration: SD40022
Instrument: LCQQQ
Calibration Date: 04/12/24 05:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
N-EtFOSE	1.888607	11.61922	10.06052	0.5909142		0.9998591	0.995	
N-MeFOSA	0.8030776	12.50908	9.817954	0.5785124		0.999941	0.995	
N-MeFOSAA	0.7967723	7.276969	8.676358	0.4959633		0.9998264	0.995	
N-MeFOSE	1.036155	15.40337	9.788631	0.5625961		0.9998337	0.995	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.061519	5.684737	5.641691	0.1465397		0.9998919	0.995	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	1.161598	10.93389	8.940413	0.4877734			20	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	0.412341	6.166944	7.984498	0.5219471			20	
Perfluoro-1-decanesulfonic acid (PFDS)	0.8239837	9.445479	8.944391	0.5102388		0.9994343	0.995	
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.942091	13.751	7.414394	0.489858		0.9999908	0.995	
Perfluoro-1-nonanesulfonic acid (PFNS)	2.321077	9.232994	8.491486	0.55703		0.9994559	0.995	
Perfluoro-1-octanesulfonamide (FOSA)	1.47466	3.415129	8.941063	0.4999595		0.9999538	0.995	
Perfluoro-1-pentanesulfonate (PFPeS)	1.44443	6.017725	6.114958	0.1596665		0.9999877	0.995	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.577485E-02	10.25475	5.777003	0.1558287		0.9993519	0.995	
Perfluoro-4-oxapentanoic acid (PFMPA)	0.305581	3.220234	1.983583	1.774579		0.9999845	0.995	
Perfluoro-5-oxahexanoic acid (PFMBA)	0.4215283	5.316771	5.093027	0.3687949		0.9999636	0.995	
Perfluorobutanesulfonic acid (PFBS)	1.083501	3.430746	5.124542	0.29576		0.9999021	0.995	
Perfluorodecanoic acid (PFDA)	1.183166	11.00445	8.471062	0.5409932		0.9990331	0.995	
Perfluorododecanesulfonic acid (PFDoS)	0.4706041	18.62682	9.694475	0.5827818		0.9994281	0.995	
Perfluorododecanoic acid (PFDoA)	0.7628463	11.46743	9.343819	0.5267339		0.999697	0.995	
Perfluoroheptanoic acid (PFHpA)	3.231744	8.311022	6.691504	0.2985772		0.9992834	0.995	
Perfluorohexanesulfonic acid (PFHxS)	1.22632	4.461239	6.795675	0.3416665		0.9999755	0.995	
Perfluorohexanoic acid (PFHxA)	1.092186	4.073201	5.914754	8.492618E-02		0.9997773	0.995	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	2.022229	10.96609	9.34359	0.5267062			20	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	2.76554	7.105913	1.163498	2.530357			20	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	1.45605	8.865629	4.34566	0.6759544			20	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	0.8805871	12.83785	7.349544	0.4615632			20	
Perfluoro-n-butanoic acid (PFBA)	0.8341652	0.9218157	1.166938	2.339052		0.9999969	0.995	
Perfluorononanoic acid (PFNA)	3.449174	7.064794	7.94696	0.5371962		0.9998528	0.995	
Perfluorooctanesulfonic acid (PFOS)	2.739275	9.044082	7.984192	0.5464419		0.9999809	0.995	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24D1534
Client: HRP Associates, Inc.
Project: NEW6312. RA 7-11 Johnes Street
Calibration: SD40022
Instrument: LCQQQ
Calibration Date: 04/12/24 05:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Perfluorooctanoic acid (PFOA)	1.142804	10.02124	7.349038	0.4506118		0.9993579	0.995	
Perfluoropentanoic acid (PFPeA)	0.9807196	0.9981459	4.347833	0.7273288		0.9999958	0.995	
Perfluorotetradecanoic acid (PFTA)	0.9845792	8.228183	10.02787	0.5920785		0.9997497	0.995	
Perfluorotridecanoic acid (PFTrDA)	1.309235	9.387565	9.704246	0.5618438		0.9997367	0.995	
Perfluoroundecanoic acid (PFUnA)	0.7799775	7.07632	8.938173	0.5046133		0.9998118	0.995	

Field Duplicate Calculation Section

EPA Method 1633 PFC

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 24D1534

S1= MW-3_4.18.24 **S2=** DUP

Analyte	S1	S2	RPD (%)	
Perfluorobutanesulfonic acid (PFBS)	**5.43**	7.07	NC	
Perfluorohexanoic acid (PFHxA)	**12.1**	ND	NC	
Perfluoroheptanoic acid (PFHpA)	ND	4.5	NC	
Perfluorohexanesulfonic acid (PFHxS)	**11.7**	13.3	NC	
Perfluorooctanoic acid (PFOA)	66	45.5	37%	*
Perfluorooctanesulfonic acid (PFOS)	607	457	28%	*
Perfluorononanoic acid (PFNA)	**14.3**	3.8	NC	
Perfluorotetradecanoic acid (PFTA)	ND	**0.813**	NC	
N-EtFOSAA	ND	**1.49**	NC	
Perfluorotridecanoic acid (PFTrDA)	**7.59**	ND	NC	
Perfluoropentanoic acid (PFPeA)	**9.6**	11.2	NC	
Perfluoro-1-octanesulfonamide (FOSA)	ND	**1.64**	NC	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.55	NC	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	2.75	NC	

* RPD is above the allowable maximum 20%.

Results are in units of ng/L.

Bold numbers were values that are below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

24K0025

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
York Analytical Laboratories, Inc., SDG: 24K0025

12 Soil Samples, 1 Field Duplicate,
and 1 Field Blank
Collected October 28-29, 2024

Prepared by: Donald Anné
January 9, 2025

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 12 soil samples, 1 field duplicate, and 1 field blank analyzed for PFAS.

The overall performances of the analyses are acceptable. York Analytical Laboratories, Inc. did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The "not detected" PFAS results for PFBA were qualified as "estimated" (UJ) for samples PDI-SB-7 (3ft bg), PDI-SB-8 (3ft bg), and DUP because percent recovery for the surrogate used to quantitate PFBA was below QC limits, but not below 10% in the samples.

All data are considered usable with estimated (UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

z:\projects\2024\24621-24640\24623-7-11 jones street\task 1 dusr\temp-review\24k0025.dus.docx

Qualified Data Section

Sample Information

Client Sample ID: PDI-SB-1 (4ft bg) **York Sample ID:** 24K0025-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 10:00 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.140	0.223	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0668	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.132	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.226	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.217	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.01**		ug/kg dry	0.210	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.238	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.241	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.250	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.205	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.158	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.130	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.187	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.245	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.137	0.504	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.184	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.195	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.241	0.243	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.945	0.958	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.952	0.968	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.137	1.01	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.175	0.449	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.243	0.504	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:52	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: PDI-SB-1 (4ft bg) **York Sample ID:** 24K0025-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 10:00 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0781	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.121	0.504	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.198	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.750	0.945	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.766	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.392	0.953	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.310	0.943	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.219	0.953	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.213	0.245	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.156	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:52	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.799	1.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.64	6.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.89	6.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.770	2.52	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.227	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.878	2.52	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.250	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:52	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*93.2 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*119 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*84.5 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*101 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*109 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*103 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.1 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*60.0 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*59.9 %*	*10-150*

Sample Information

Client Sample ID: PDI-SB-1 (4ft bg) **York Sample ID:** 24K0025-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 10:00 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*115 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*94.5 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*109 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*101 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*87.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*89.0 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*84.5 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*78.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*81.7 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*120 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*65.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*53.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*55.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*68.1 %*			*25-150*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.3**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: PDI-SB-1 (20ft bg) **York Sample ID:** 24K0025-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 10:30 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0676	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.134	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.228	0.233	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-1 (20ft bg) **York Sample ID:** 24K0025-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 10:30 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.219	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.213	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.241	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.243	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.252	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.208	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.159	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.131	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.189	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.247	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.139	0.510	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.186	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.198	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.243	0.246	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.956	0.969	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.962	0.979	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.139	1.02	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.177	0.454	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.246	0.510	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0790	0.510	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.122	0.510	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.200	0.240	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-1 (20ft bg) **York Sample ID:** 24K0025-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 10:30 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.758	0.956	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.775	1.02	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.396	0.964	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.314	0.953	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.222	0.964	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.215	0.247	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.158	0.245	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.808	1.27	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.67	6.37	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.91	6.37	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.779	2.55	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.229	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.888	2.55	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.252	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:08	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*98.2 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*109 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*77.1 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*109 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.4 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*75.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.0 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*118 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*107 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*104 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*96.4 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*98.3 %*	*25-150*

Sample Information

Client Sample ID: PDI-SB-1 (20ft bg) **York Sample ID:** 24K0025-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 10:30 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*108 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*91.4 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*87.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*130 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*72.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*99.9 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*87.7 %*			*25-150*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.3**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: PDI-SB-4 (3ft bg) **York Sample ID:** 24K0025-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 12:20 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0627	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.212	0.217	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.203	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.57**		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.224	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-4 (3ft bg)

York Sample ID: 24K0025-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 12:20 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.226	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.193	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.230	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.129	0.473	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.173	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.183	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.887	0.899	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.893	0.909	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.129	0.947	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.164	0.421	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.228	0.473	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0734	0.473	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.473	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.186	0.222	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.704	0.887	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.719	0.947	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.368	0.894	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-4 (3ft bg) **York Sample ID:** 24K0025-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 12:20 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.291	0.885	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.206	0.894	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.200	0.230	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.227	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.750	1.18	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.48	5.92	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.77	5.92	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.723	2.37	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.213	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.825	2.37	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.237	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:24	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*86.8 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*117 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*115 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.4 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*70.5 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*48.0 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*104 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*105 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*100 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*91.4 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*86.6 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*100 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*94.7 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*88.3 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*93.1 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*131 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*68.9 %*	*25-150*

Sample Information

Client Sample ID: PDI-SB-4 (3ft bg) **York Sample ID:** 24K0025-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 12:20 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
936109-40-9	*Surrogate: d-N-EtFOSA*	*52.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*96.6 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*60.4 %*			*25-150*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.0**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: PDI-SB-4 (11ft bg) **York Sample ID:** 24K0025-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 12:30 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.150	0.240	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0718	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.142	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.242	0.248	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.233	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.226	0.252	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.256	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.259	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.268	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.221	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.169	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-4 (11ft bg) **York Sample ID:** 24K0025-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 12:30 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.140	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.200	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.263	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.148	0.542	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.198	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.210	0.271	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.02	1.03	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.02	1.04	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.148	1.08	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.188	0.482	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.261	0.542	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0840	0.542	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.130	0.542	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.213	0.255	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.806	1.02	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.824	1.08	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.421	1.02	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.333	1.01	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.236	1.02	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.229	0.263	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.168	0.260	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:40	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-4 (11ft bg) **York Sample ID:** 24K0025-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 12:30 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.859	1.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.84	6.77	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.03	6.77	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.828	2.71	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.244	0.271	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.944	2.71	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.268	0.271	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:40	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*95.6 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*111 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*84.0 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*101 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*114 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*114 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*71.8 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*111 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*117 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*103 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*88.3 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.0 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*108 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*94.1 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*99.2 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*94.7 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*111 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*61.8 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*49.6 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*96.0 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*53.9 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*61.0 %*	*25-150*

Sample Information

Client Sample ID: PDI-SB-4 (11ft bg) **York Sample ID:** 24K0025-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 12:30 pm	11/01/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.2**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: PDI-SB-5 (3ft bg) **York Sample ID:** 24K0025-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 1:20 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.190	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0568	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.196	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.963**		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.202	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.428	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-5 (3ft bg) **York Sample ID:** 24K0025-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 1:20 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.803	0.814	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.808	0.822	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.857	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.381	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.207	0.428	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0664	0.428	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.428	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.201	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.637	0.803	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.651	0.857	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.333	0.810	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.263	0.801	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.810	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.206	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.679	1.07	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.25	5.35	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.35	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.654	2.14	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 08:56	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: PDI-SB-5 (3ft bg) **York Sample ID:** 24K0025-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 1:20 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.746	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:56	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 08:56	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*101 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*75.7 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*108 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*120 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*121 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*93.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*82.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.0 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*111 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*89.7 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*95.2 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*71.2 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*101 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*97.5 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*136 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*88.1 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*131 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*45.3 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*39.2 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*87.5 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*42.8 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*40.7 %*	*25-150*

Sample Information

Client Sample ID: PDI-SB-5 (3ft bg) **York Sample ID:** 24K0025-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 1:20 pm	11/01/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.4**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: PDI-SB-5 (7ft bg) **York Sample ID:** 24K0025-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 1:30 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.199	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0596	0.225	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.225	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.201	0.206	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.193	0.225	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.459**		ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.213	0.225	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.215	0.225	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.183	0.225	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.225	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.225	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.225	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.218	0.225	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.450	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.164	0.225	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-5 (7ft bg) **York Sample ID:** 24K0025-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 1:30 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.225	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.844	0.855	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.849	0.864	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.900	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.400	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.217	0.450	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0697	0.450	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.450	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.211	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.669	0.844	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.684	0.900	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.350	0.850	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.277	0.841	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.850	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.190	0.218	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.216	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.713	1.12	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.36	5.62	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.62	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.687	2.25	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.225	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 17:34	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: PDI-SB-5 (7ft bg) **York Sample ID:** 24K0025-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 1:30 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.784	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 17:34	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 17:34	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*76.8 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*99.3 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*124 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*99.8 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.6 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*54.6 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*125 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*93.7 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*85.3 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*97.7 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*105 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*94.9 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*100 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*60.9 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*42.2 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*99.3 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*49.6 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*60.3 %*	*25-150*

Sample Information

Client Sample ID: PDI-SB-5 (7ft bg) **York Sample ID:** 24K0025-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 28, 2024 1:30 pm	11/01/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.0**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: PDI-SB-6 (3ft bg) **York Sample ID:** 24K0025-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:10 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0598	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.207	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.427**		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.213	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.452	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-6 (3ft bg) **York Sample ID:** 24K0025-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:10 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.847	0.858	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.852	0.867	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.903	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.402	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.218	0.452	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0700	0.452	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.452	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.672	0.847	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.686	0.903	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.854	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.278	0.845	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.854	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.716	1.13	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.65	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.65	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.690	2.26	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:12	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: PDI-SB-6 (3ft bg) **York Sample ID:** 24K0025-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:10 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.787	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:12	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:12	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*98.8 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*121 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*94.4 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*120 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*122 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*99.1 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*71.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.4 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*119 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*103 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*116 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*96.2 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*80.0 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*94.4 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*94.1 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*84.8 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*91.9 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*126 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*67.8 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*63.0 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*124 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*61.7 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.3 %*	*25-150*

Sample Information

Client Sample ID: PDI-SB-6 (3ft bg) **York Sample ID:** 24K0025-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:10 pm	11/01/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.6**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: PDI-SB-6 (11ft bg) **York Sample ID:** 24K0025-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:30 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.130	0.207	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0619	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.123	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.209	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.201	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.221	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.223	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.231	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.190	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.146	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.173	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.227	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.467	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-6 (11ft bg) **York Sample ID:** 24K0025-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:30 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.181	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.876	0.887	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.882	0.897	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.934	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.416	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.225	0.467	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0724	0.467	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.467	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.183	0.220	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.695	0.876	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.710	0.934	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.363	0.883	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.287	0.873	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.203	0.883	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.197	0.227	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.145	0.224	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.740	1.17	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.45	5.84	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.75	5.84	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.713	2.34	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.210	0.234	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 09:28	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: PDI-SB-6 (11ft bg) **York Sample ID:** 24K0025-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:30 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.814	2.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:28	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.231	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 09:28	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*80.0 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.8 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*81.5 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*105 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*89.3 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*71.8 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*61.3 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*48.4 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*77.6 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*93.0 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*107 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*87.9 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*72.9 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*75.6 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*72.5 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*74.6 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*89.2 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*102 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*61.1 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*45.7 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*49.0 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*56.5 %*	*25-150*

Sample Information

Client Sample ID: PDI-SB-6 (11ft bg) **York Sample ID:** 24K0025-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:30 pm	11/01/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.6**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: PDI-SB-7 (3ft bg) **York Sample ID:** 24K0025-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:00 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0598	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.207	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.213	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.452	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-7 (3ft bg) **York Sample ID:** 24K0025-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:00 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.847	0.858	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.852	0.867	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	UJ	ug/kg dry	0.123	0.903	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.402	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.218	0.452	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0700	0.452	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.452	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.672	0.847	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.686	0.903	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.853	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.278	0.844	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.853	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.716	1.13	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.64	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.64	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.690	2.26	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:22	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: PDI-SB-7 (3ft bg) **York Sample ID:** 24K0025-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:00 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.787	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:22	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:22	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*124 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*142 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*102 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*132 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*141 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*146 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*108 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*98.3 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*88.0 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*16.5 %*	PFSu-L *25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*127 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*110 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*124 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.3 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*117 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*109 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*110 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*133 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*75.7 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*58.7 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*145 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*57.4 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*74.3 %*	*25-150*

Sample Information

Client Sample ID: PDI-SB-7 (3ft bg) **York Sample ID:** 24K0025-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:00 pm	11/01/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.2		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: PDI-SB-7 (11ft bg) **York Sample ID:** 24K0025-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:15 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.138	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0659	0.249	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.131	0.249	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.223	0.228	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.214	0.249	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.208	0.231	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.235	0.249	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.238	0.249	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.246	0.249	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.203	0.249	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.155	0.249	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.128	0.249	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.184	0.249	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.241	0.249	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.136	0.497	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.182	0.249	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-7 (11ft bg) **York Sample ID:** 24K0025-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:15 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.193	0.249	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.238	0.240	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.933	0.945	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.939	0.955	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.136	0.995	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.173	0.443	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.240	0.497	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0771	0.497	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.119	0.497	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.195	0.234	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.740	0.933	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.756	0.995	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.387	0.940	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.306	0.930	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.216	0.940	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.210	0.241	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.154	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.788	1.24	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.61	6.22	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.87	6.22	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.760	2.49	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.224	0.249	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:38	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: PDI-SB-7 (11ft bg) **York Sample ID:** 24K0025-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:15 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.867	2.49	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:38	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.246	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:38	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*89.1 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*149 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*148 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*137 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*94.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*73.5 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*117 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*137 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*110 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*110 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*122 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*125 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*106 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*118 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*128 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*125 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*76.6 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*62.0 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*119 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*61.0 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*70.7 %*	*25-150*

Sample Information

Client Sample ID: PDI-SB-7 (11ft bg) **York Sample ID:** 24K0025-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:15 pm	11/01/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.6**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: PDI-SB-8 (3ft bg) **York Sample ID:** 24K0025-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:45 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.195	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0584	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.202	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.687**		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.208	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.441	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-8 (3ft bg) **York Sample ID:** 24K0025-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:45 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.827	0.838	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.832	0.847	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	UJ	ug/kg dry	0.120	0.882	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.392	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.213	0.441	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS -L	ug/kg dry	0.0684	0.441	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.441	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.207	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.656	0.827	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.670	0.882	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.343	0.833	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.271	0.825	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.833	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.214	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.699	1.10	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.31	5.51	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.65	5.51	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.674	2.20	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 18:55	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: PDI-SB-8 (3ft bg) **York Sample ID:** 24K0025-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:45 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.768	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:55	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 18:55	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*130 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*93.7 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*122 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*122 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*129 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*93.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*66.8 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*17.7 %*	PFSu-L *25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*130 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*120 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*121 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*107 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*123 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*104 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*103 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*102 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*127 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*72.7 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*67.1 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*120 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*59.8 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*74.9 %*	*25-150*

Sample Information

Client Sample ID: PDI-SB-8 (3ft bg) **York Sample ID:** 24K0025-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:45 pm	11/01/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.8**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: PDI-SB-8 (7ft bg) **York Sample ID:** 24K0025-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:55 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0734**	J	ug/kg dry	0.0632	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.125	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.213	0.218	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.233**	J	ug/kg dry	0.205	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.199	0.222	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.225	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.228	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.236	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.194	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.149	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.123	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.176	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.231	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.130	0.477	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.174	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PDI-SB-8 (7ft bg) **York Sample ID:** 24K0025-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:55 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.185	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.228	0.230	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.894	0.906	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.900	0.916	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.130	0.954	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.166	0.425	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.230	0.477	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0739	0.477	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.114	0.477	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.187	0.224	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.710	0.894	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.725	0.954	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.371	0.902	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.293	0.892	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.208	0.902	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.202	0.231	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.148	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.756	1.19	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.50	5.96	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.79	5.96	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.729	2.39	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.215	0.239	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:11	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: PDI-SB-8 (7ft bg) **York Sample ID:** 24K0025-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:55 pm	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.831	2.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:11	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.236	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:11	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*92.2 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*116 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*125 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*117 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*92.2 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*41.2 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*114 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*113 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*109 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*95.2 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*93.7 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*99.0 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*101 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*97.3 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*120 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*66.8 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*54.4 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*44.7 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*60.4 %*	*25-150*

Sample Information

Client Sample ID: PDI-SB-8 (7ft bg) **York Sample ID:** 24K0025-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 1:55 pm	11/01/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.7**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: DUP **York Sample ID:** 24K0025-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:01 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.127	0.202	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0606	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.205	0.209	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.197	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.27**		ug/kg dry	0.191	0.213	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.216	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.218	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.226	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.186	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.143	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.118	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.169	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.222	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.125	0.457	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.167	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: DUP

York Sample ID: 24K0025-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:01 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.177	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.218	0.221	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.857	0.869	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.863	0.878	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	UJ	ug/kg dry	0.125	0.915	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.159	0.407	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.221	0.457	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0709	0.457	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.110	0.457	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.179	0.215	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.680	0.857	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.695	0.915	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.356	0.864	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.281	0.855	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.199	0.864	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.193	0.222	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.142	0.219	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.725	1.14	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.40	5.72	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.71	5.72	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.698	2.29	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.206	0.229	1	EPA 1633 Draft 3	11/05/2024 09:34	11/06/2024 19:27	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: DUP

York Sample ID: 24K0025-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:01 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.797	2.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:27	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.226	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/05/2024 09:34	11/06/2024 19:27	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*119 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*124 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*96.0 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*128 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*124 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*149 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*131 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*104 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*93.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*18.2 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*151 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*104 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*113 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*119 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*127 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*111 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*122 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*120 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*141 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*77.8 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*71.8 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*119 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*57.6 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*80.6 %*		*25-150*

Sample Information

Client Sample ID: DUP

York Sample ID: 24K0025-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Soil	October 29, 2024 12:01 am	11/01/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.0**		%	0.100	1	SM 2540G	11/04/2024 15:00	11/05/2024 17:52	AC
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: Field Blank

York Sample ID: 24K0025-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Water	October 29, 2024 9:00 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.446	1.68	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.332	1.90	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.674	1.90	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.645	1.74	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.398	1.90	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.778	1.76	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.493	1.90	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.712	1.90	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.07	1.90	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.835	1.90	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.702	1.90	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.655	1.90	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.749	1.90	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.977	1.90	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.218	3.79	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.835	1.90	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NJDEP-NY037			

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24K0025-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Water	October 29, 2024 9:00 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.863	1.81	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.25	1.83	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.12	7.21	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.94	7.29	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.313	7.59	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.474	3.38	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.03	3.79	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.237	3.79	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.351	3.79	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058			
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.721	1.78	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.70	7.12	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.06	7.59	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.31	7.17	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.664	7.10	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.503	7.17	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.882	1.84	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.816	1.82	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.93	4.74	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.95	23.7	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.98	23.7	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	3.79	19.0	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.50	1.90	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	3.79	19.0	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM
							Certifications:				

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24K0025-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0025	NEW6312.RA 7-11 Johnes Street	Water	October 29, 2024 9:00 am	11/01/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4151-50-2	* N-EtFOSA	ND		ng/L	1.71	1.90	1	EPA 1633 Draft 3	11/06/2024 11:37	11/07/2024 12:26	AM

Certifications:

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*119 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*138 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*97.7 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*161 %*	PFSu-H	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*154 %*	PFSu-H	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*118 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*94.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*30.7 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*148 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*127 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*131 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*108 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*118 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*67.1 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*90.3 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*118 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*61.3 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*62.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*38.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*127 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*66.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*80.1 %*		*25-150*

PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
York Analytical Laboratories, Inc., SDG: 24K0025

12 Soil Sample, 1 Field Duplicate,
and 1 Field Blank
Collected October 28-29, 2024

Prepared by: Donald Anné
January 9, 2025

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration (Internal Standard): The Quad CODs for 8:2 FTS, 4:2 FTS, 6:2FTS, FHpPA, FPePA, and FPrPA were below the allowable minimum (0.995) for LCQQQ on 10-02-24. Positive results for these PFAS should be considered estimated (J) in associated samples.

Continuing Calibration: The %D for PFHpA was above the allowable maximum (30%) on 11-04-24 (QQQ45717.d). The %Ds for NFDHA and PFHpA were above the allowable maximum (30%) on 11-06-24 (QQQ45874.d). The %D for PFHpA was above the allowable maximum (30%) on 11-07-24 (QQQ45905.d). Positive results for NFDHA and PFHpA should be considered estimated (J) in associated samples.

Blanks: The analyses of the method and field blanks reported target PFAS as not detected.

Internal Standard Area Summary: The internal standard retention times were within control limits.

Surrogate Recovery: Two of twenty-four surrogate recoveries for sample Field Blank were above QC limits. One of twenty-four surrogate recoveries for sample DUP was above QC limits. Positive results associated with the surrogate below QC limits should be considered estimated (J) in the samples.

One of twenty-four surrogate recoveries for samples PDI-SB-7 (3ft bg) PDI-SB-8 (3ft bg) and DUP was below QC limits, but not below 10%. Positive and "not detected" results associated with the surrogate below QC limits should be considered estimated (J or UJ) in the samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target PFAS were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for soil MS/MSD sample PDI-SB-5 (7ft bg).

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www.alphageoscience.com

Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for soil samples BK40092-BS1, BK40092-BS2, and BK40263-BS1 and aqueous sample BK40363-BS1.

Field Duplicates: The relative percent difference for PFOS was below the allowable maximum (35%) for soil field duplicate pair PDI-SB-4 (3ft bg)/DUP (attached table), as required.

Compound ID: Checked PFAS and surrogate results were within LC quantitation limits.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K0025
Client: HRP Associates, Inc.
Project: NEW6312.RA 7-11 Johnes Street
Sequence: S4K0713
Instrument: LCQQQ
Calibration: SJ40012

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
PDI-SB-7 (3ft bg) (24K0025-09)			Lab File ID: QQQ45885.d		Analyzed: 11/06/24 18:22			
M3PFBS	2.19	124	25 - 150	5.390167	5.377487	0.0127	+/-1.00	
M5PFHxA	2.35	142	25 - 150	6.195267	6.194111	0.0012	+/-1.00	
M4PFHpA	2.35	102	25 - 150	6.984334	7.008964	-0.0246	+/-1.00	
M3PFHxS	2.23	132	25 - 150	7.085117	7.110538	-0.0254	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.35	141	25 - 150	7.632667	7.668873	-0.0362	+/-1.00	
M6PFDA	1.17	146	25 - 150	8.735467	8.749366	-0.0139	+/-1.00	
M7PFUdA	1.17	108	25 - 150	9.171284	9.177075	-0.0058	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.17	98.3	25 - 150	9.58695	9.569606	0.0173	+/-1.00	
M2PFTeDA	1.17	88.0	10 - 150	10.2763	10.21759	0.0587	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.43	16.5	25 - 150	1.2507	1.235792	0.0149	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.25	127	25 - 150	8.24465	8.284401	-0.0398	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.70	110	25 - 150	4.597633	4.578721	0.0189	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.35	124	10 - 150	9.333167	9.270567	0.0626	+/-1.00	
d3-N-MeFOSAA	4.70	97.3	25 - 150	8.93825	8.942892	-0.0046	+/-1.00	
d5-N-EtFOSAA	4.70	113	25 - 150	9.170283	9.162175	0.0081	+/-1.00	
M2-6:2 FTS	4.47	117	25 - 200	7.5755	7.614938	-0.0394	+/-1.00	
M2-8:2 FTS	4.52	109	25 - 200	8.688334	8.713816	-0.0255	+/-1.00	
M9PFNA	1.17	110	25 - 150	8.20935	8.249914	-0.0406	+/-1.00	
M2-4:2 FTS	4.41	133	25 - 150	6.128833	6.124225	0.0046	+/-1.00	
d-N-MeFOSA	2.35	75.7	25 - 150	10.15517	10.08948	0.0657	+/-1.00	
d-N-EtFOSA	2.35	58.7	25 - 150	10.4293	10.34757	0.0817	+/-1.00	
M3HFPO-DA	9.43	145	25 - 150	6.47605	6.484159	-0.0081	+/-1.00	
d9-N-EtFOSE	23.5	57.4	25 - 150	10.38988	10.30817	0.0817	+/-1.00	
d7-N-MeFOSE	23.5	74.3	25 - 150	10.12313	10.05976	0.0634	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K0025
Client: HRP Associates, Inc.
Project: NEW6312.RA 7-11 Johnes Street
Sequence: S4K0713
Instrument: LCQQQ
Calibration: SJ40012

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
PDI-SB-8 (3ft bg) (24K0025-11)			Lab File ID: QQQ45887.d		Analyzed: 11/06/24 18:55			
M3PFBS	2.14	112	25 - 150	5.390167	5.377487	0.0127	+/-1.00	
M5PFHxA	2.30	130	25 - 150	6.214283	6.194111	0.0202	+/-1.00	
M4PFHpA	2.30	93.7	25 - 150	7.012633	7.008964	0.0037	+/-1.00	
M3PFHxS	2.18	122	25 - 150	7.11285	7.110538	0.0023	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.30	122	25 - 150	7.671183	7.668873	0.0023	+/-1.00	
M6PFDA	1.15	129	25 - 150	8.772533	8.749366	0.0232	+/-1.00	
M7PFUdA	1.15	109	25 - 150	9.217617	9.177075	0.0405	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.15	93.4	25 - 150	9.623934	9.569606	0.0543	+/-1.00	
M2PFTeDA	1.15	66.8	10 - 150	10.30393	10.21759	0.0863	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.21	17.7	25 - 150	1.2507	1.235792	0.0149	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.20	130	25 - 150	8.29135	8.284401	0.0069	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.59	120	25 - 150	4.587833	4.578721	0.0091	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.30	121	10 - 150	9.370216	9.270567	0.0996	+/-1.00	
d3-N-MeFOSAA	4.59	107	25 - 150	8.9761	8.942892	0.0332	+/-1.00	
d5-N-EtFOSAA	4.59	123	25 - 150	9.207367	9.162175	0.0452	+/-1.00	
M2-6:2 FTS	4.37	104	25 - 200	7.6219	7.614938	0.0070	+/-1.00	
M2-8:2 FTS	4.41	103	25 - 200	8.734667	8.713816	0.0209	+/-1.00	
M9PFNA	1.15	102	25 - 150	8.255716	8.249914	0.0058	+/-1.00	
M2-4:2 FTS	4.31	127	25 - 150	6.138083	6.124225	0.0139	+/-1.00	
d-N-MeFOSA	2.30	72.7	25 - 150	10.18267	10.08948	0.0932	+/-1.00	
d-N-EtFOSA	2.30	67.1	25 - 150	10.45692	10.34757	0.1094	+/-1.00	
M3HFPO-DA	9.21	120	25 - 150	6.494583	6.484159	0.0104	+/-1.00	
d9-N-EtFOSE	23.0	59.8	25 - 150	10.41752	10.30817	0.1093	+/-1.00	
d7-N-MeFOSE	23.0	74.9	25 - 150	10.1508	10.05976	0.0910	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K0025
Client: HRP Associates, Inc.
Project: NEW6312.RA 7-11 Johnes Street
Sequence: S4K0713
Instrument: LCQQQ
Calibration: SJ40012

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
DUP (24K0025-13)			Lab File ID: QQQ45889.d		Analyzed: 11/06/24 19:27			
M3PFBS	2.22	119	25 - 150	5.408617	5.377487	0.0311	+/-1.00	
M5PFHxA	2.38	124	25 - 150	6.214283	6.194111	0.0202	+/-1.00	
M4PFHpA	2.38	96.0	25 - 150	6.9936	7.008964	-0.0154	+/-1.00	
M3PFHxS	2.26	128	25 - 150	7.094367	7.110538	-0.0162	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.38	124	25 - 150	7.632667	7.668873	-0.0362	+/-1.00	
M6PFDA	1.19	149	25 - 150	8.716933	8.749366	-0.0324	+/-1.00	
M7PFUdA	1.19	131	25 - 150	9.171284	9.177075	-0.0058	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.19	104	25 - 150	9.5777	9.569606	0.0081	+/-1.00	
M2PFTeDA	1.19	93.3	10 - 150	10.2855	10.21759	0.0679	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.55	18.2	25 - 150	1.259883	1.235792	0.0241	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.28	151	25 - 150	8.24465	8.284401	-0.0398	+/-1.00	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.76	104	25 - 150	4.606833	4.578721	0.0281	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.38	113	10 - 150	9.3239	9.270567	0.0533	+/-1.00	
d3-N-MeFOSAA	4.76	119	25 - 150	8.928967	8.942892	-0.0139	+/-1.00	
d5-N-EtFOSAA	4.76	127	25 - 150	9.161016	9.162175	-0.0012	+/-1.00	
M2-6:2 FTS	4.53	111	25 - 200	7.584784	7.614938	-0.0302	+/-1.00	
M2-8:2 FTS	4.57	122	25 - 200	8.688334	8.713816	-0.0255	+/-1.00	
M9PFNA	1.19	120	25 - 150	8.20935	8.249914	-0.0406	+/-1.00	
M2-4:2 FTS	4.47	141	25 - 150	6.138083	6.124225	0.0139	+/-1.00	
d-N-MeFOSA	2.38	77.8	25 - 150	10.15517	10.08948	0.0657	+/-1.00	
d-N-EtFOSA	2.38	71.8	25 - 150	10.4385	10.34757	0.0909	+/-1.00	
M3HFPO-DA	9.55	119	25 - 150	6.485317	6.484159	0.0012	+/-1.00	
d9-N-EtFOSE	23.8	57.6	25 - 150	10.3991	10.30817	0.0909	+/-1.00	
d7-N-MeFOSE	23.8	80.6	25 - 150	10.12313	10.05976	0.0634	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K0025
Client: HRP Associates, Inc.
Project: NEW6312.RA 7-11 Johnes Street
Sequence: S4K0729
Instrument: LCQQQ
Calibration: SJ40012

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Field Blank (24K0025-14)			Lab File ID: QQQ45913.d		Analyzed: 11/07/24 12:26			
M3PFBS	18.4	119	25 - 150	5.41785	5.377487	0.0404	+/-1.00	
M5PFHxA	19.8	138	25 - 150	6.24205	6.194111	0.0479	+/-1.00	
M4PFHpA	19.8	97.7	25 - 150	7.0681	7.008964	0.0591	+/-1.00	
M3PFHxS	18.7	123	25 - 150	7.168533	7.110538	0.0580	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	19.8	161	25 - 150	7.74545	7.668873	0.0766	+/-1.00	*
M6PFDA	9.87	154	25 - 150	8.828366	8.749366	0.0790	+/-1.00	*
M7PFUdA	9.87	118	25 - 150	9.254683	9.177075	0.0776	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	9.87	94.8	25 - 150	9.642433	9.569606	0.0728	+/-1.00	
M2PFTeDA	9.87	57.1	10 - 150	10.2763	10.21759	0.0587	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	79.2	30.7	25 - 150	1.2507	1.235792	0.0149	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	18.9	148	25 - 150	8.365467	8.284401	0.0811	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	39.5	127	25 - 150	4.616034	4.578721	0.0373	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	19.8	131	10 - 150	9.388733	9.270567	0.1182	+/-1.00	
d3-N-MeFOSAA	39.5	108	25 - 150	9.031683	8.942892	0.0888	+/-1.00	
d5-N-EtFOSAA	39.5	118	25 - 150	9.244433	9.162175	0.0823	+/-1.00	
M2-6:2 FTS	37.6	67.1	25 - 200	7.6795	7.614938	0.0646	+/-1.00	
M2-8:2 FTS	37.9	90.3	25 - 200	8.7998	8.713816	0.0860	+/-1.00	
M9PFNA	9.87	118	25 - 150	8.330283	8.249914	0.0804	+/-1.00	
M2-4:2 FTS	37.1	61.3	25 - 150	6.166467	6.124225	0.0422	+/-1.00	
d-N-MeFOSA	19.8	62.0	25 - 150	10.14595	10.08948	0.0565	+/-1.00	
d-N-EtFOSA	19.8	38.7	25 - 150	10.39245	10.34757	0.0449	+/-1.00	
M3HFPO-DA	79.2	127	25 - 150	6.531617	6.484159	0.0475	+/-1.00	
d9-N-EtFOSE	198	66.2	25 - 150	10.36227	10.30817	0.0541	+/-1.00	
d7-N-MeFOSE	198	80.1	25 - 150	10.11392	10.05976	0.0542	+/-1.00	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K0025
Client: HRP Associates, Inc.
Project: NEW6312.RA 7-11 Johnes Street
Calibration: SJ40012
Instrument: LCQQQ
Calibration Date: 10/02/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
11CL-PF3OUdS	0.9972107	7.456995	9.415425	5.090544E-02		0.9998726	0.995	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.21239	38.12511	8.713059	5.601414E-02		0.9892516	0.995	*
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.9745749	36.39981	6.125971	7.578897E-02		0.9846491	0.995	*
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.225153	41.09795	7.612983	6.322403E-02		0.9856251	0.995	*
3-Perfluoroheptyl propanoic acid (FHpPA)	0.1786578	37.95527	8.388092	4.232316E-02		0.9647156	0.995	*
3-Perfluoropentyl propanoic acid (FPePA)	0.141167	37.61749	7.0781	3.668325E-03		0.9639549	0.995	*
3-Perfluoropropyl propanoic acid (FPrPA)	2.654184E-02	36.70933	4.3006	0.19671		0.9792505	0.995	*
9CL-PF3ONS	1.659723	3.38413	8.590833	5.834106E-02		0.9999383	0.995	
ADONA	0.5447491	6.376825	7.135864	6.881838E-02		0.999919	0.995	
d3-N-MeFOSAA	1.658517	8.622179	8.942892	5.375866E-02			20	
d5-N-EtFOSAA	1.372089	11.09501	9.162175	0.0386341			20	
d7-N-MeFOSE	0.1237704	6.79182	10.05976	3.372254E-02			20	
d9-N-EtFOSE	7.718479E-02	7.652869	10.30817	3.108469E-02			20	
d-N-EtFOSA	0.2203298	9.373877	10.34757	3.677845E-02			20	
d-N-MeFOSA	0.2932739	6.72797	10.08948	5.985065E-02			20	
HFPO-DA (Gen-X)	2.663554E-02	12.78985	6.480917	7.581127E-02			20	
M2-4:2 FTS	7.090177	35.04628	6.124225	7.914882E-02			20	*
M2-6:2 FTS	4.839166	43.64324	7.614938	5.748874E-02			20	*
M2-8:2 FTS	6.388928	42.70912	8.713816	4.943339E-02			20	*
M2PFTeDA	1.23712	10.3993	10.21759	4.737899E-02			20	
M3HFPO-DA	0.2462369	15.05771	6.484159	0.0928212			20	
M3PFBS	5.312117	9.709793	5.377487	8.862953E-02			20	
M3PFHxS	3.452402	11.06929	7.110538	5.714595E-02			20	
M4PFHpA	0.4067884	8.181825	7.008964	7.408374E-02			20	
M5PFHxA	1.426756	7.393293	6.194111	5.435214E-02			20	
M6PFDA	1.200804	10.47828	8.749366	5.379926E-02			20	
M7PFUdA	2.081402	12.69309	9.177075	5.256504E-02			20	
M9PFNA	0.3102553	8.729059	8.249914	5.917583E-02			20	
N-EtFOSA	1.166299	20.1094	10.35894	3.921562E-02		0.9996976	0.995	
N-EtFOSAA	0.9316949	6.691907	9.171841	6.500622E-02		0.9993882	0.995	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K0025
Client: HRP Associates, Inc.
Project: NEW6312.RA 7-11 Johnes Street
Calibration: SJ40012
Instrument: LCQQQ
Calibration Date: 10/02/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
N-EtFOSE	1.626157	11.20269	10.3271	3.188563E-02		0.9999282	0.995	
N-MeFOSA	0.8137409	11.81547	10.09454	4.690452E-02			20	
N-MeFOSAA	0.8643699	9.356855	8.947717	2.236223E-02		0.9999469	0.995	
N-MeFOSE	0.9915736	10.89459	10.07561	3.965035E-02		0.9998817	0.995	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.208283	5.769794	5.907677	6.408359E-02		0.9999633	0.995	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	1.452568	8.885697	9.270567	4.704672E-02			20	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	0.4292664	10.30693	8.284401	5.505919E-02			20	
Perfluoro-1-decanesulfonic acid (PFDS)	0.7968952	9.075499	9.17455	5.370894E-02		0.99897	0.995	
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.597492	9.240438	7.728292	6.256652E-02		0.9990774	0.995	
Perfluoro-1-nonanesulfonic acid (PFNS)	0.1496759	4.792127	8.763042	3.840987E-02		0.9998904	0.995	
Perfluoro-1-octanesulfonamide (FOSA)	1.819993	4.779707	9.270766	0.0445907		0.99995	0.995	
Perfluoro-1-pentanesulfonate (PFPeS)	1.255155	7.665946	6.402569	0.1112411		0.9999777	0.995	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.429022E-03	22.83534	6.060827	0.1771903		0.9965164	0.995	
Perfluoro-4-oxapentanoic acid (PFMPA)	0.3143278	1.956528	2.13216	0.4456788		0.9999569	0.995	
Perfluoro-5-oxahexanoic acid (PFMBA)	0.4383648	3.174917	5.344806	0.1220116		0.9998609	0.995	
Perfluorobutanesulfonic acid (PFBS)	1.093902	3.274838	5.378254	8.759614E-02		0.9999904	0.995	
Perfluorodecanoic acid (PFDA)	1.259324	11.92731	8.748808	5.168637E-02		0.9994795	0.995	
Perfluorododecanesulfonic acid (PFDoS)	0.4923146	13.16198	9.901575	4.698758E-02		0.9988218	0.995	
Perfluorododecanoic acid (PFDoA)	0.6888736	7.27185	9.568717	7.588893E-02		0.9991694	0.995	
Perfluoroheptanoic acid (PFHpA)	2.162377	6.782158	7.009214	7.157793E-02		0.9994092	0.995	
Perfluorohexanesulfonic acid (PFHxS)	1.125156	5.279792	7.108725	6.831007E-02		0.9998933	0.995	
Perfluorohexanoic acid (PFHxA)	1.168659	6.544023	6.195694	5.259915E-02		0.9999015	0.995	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	2.415487	15.3512	9.569606	6.314502E-02			20	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	2.155034	5.659129	1.235792	0.6804555			20	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	1.532644	6.313074	4.578721	0.2179904			20	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	0.7663523	6.309435	7.668873	8.452335E-02			20	
Perfluoro-n-butanoic acid (PFBA)	0.9198964	3.141613	1.236933	0.687188		0.9998412	0.995	
Perfluorononanoic acid (PFNA)	3.22776	5.961167	8.249365	7.961537E-02		0.9999651	0.995	
Perfluorooctanesulfonic acid (PFOS)	2.393082	8.88839	8.283134	5.625003E-02		0.9985001	0.995	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K0025
Client:	HRP Associates, Inc.	Project:	NEW6312.RA 7-11 Johnes Street
Calibration:	SJ40012	Instrument:	LCQQQ
		Calibration Date:	10/02/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Perfluorooctanoic acid (PFOA)	1.32833	4.498905	7.669587	8.541413E-02		0.9998226	0.995	
Perfluoropentanoic acid (PFPeA)	0.9971918	2.83425	4.581842	0.2103757		0.9999271	0.995	
Perfluorotetradecanoic acid (PFTA)	0.9924718	6.142558	10.22042	2.909969E-02		0.9999563	0.995	
Perfluorotridecanoic acid (PFTrDA)	1.123825	11.71442	9.920758	4.043344E-02		0.9995628	0.995	
Perfluoroundecanoic acid (PFUnA)	0.7608425	10.24875	9.177658	4.844474E-02		0.9990382	0.995	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K0025
Client:	HRP Associates, Inc.	Project:	NEW6312.RA 7-11 Johnes Street
Instrument ID:	LCQQQ	Calibration:	SJ40012
Lab File ID:	QQQ45717.d	Calibration Date:	10/02/24 08:00
Sequence:	S4K0437	Injection Date:	11/04/24
Lab Sample ID:	S4K0437-CCV1	Injection Time:	10:30

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	11.7	0.9972107	1.259561		24.2	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.29	0.21239	0.2343285		-3.3	30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	8.35	0.9745749	1.059991		-10.9	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.27	1.225153	1.389905		-2.4	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	75.9	0.1786578	0.2440493		21.3	30
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	66.3	0.141167	0.168357		5.9	30
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	12.3	2.654184E-02	3.085041E-02		-1.4	30
9CL-PF3ONS	A	9.35	11.2	1.659723	2.002091		19.3	30
ADONA	A	9.45	10.5	0.5447491	0.6240809		11.5	30
HFPO-DA (Gen-X)	A	10.0	10.2	2.663554E-02	2.798825E-02		5.1	30
N-EtFOSA	A	2.50	2.56	1.166299	1.224484		2.4	30
N-EtFOSAA	A	2.50	2.79	0.9316949	1.000308		11.5	30
N-EtFOSE	A	25.0	26.8	1.626157	1.81884		7.4	30
N-MeFOSA	A	2.50	2.62	0.8137409	0.8046176		-1.1	30
N-MeFOSAA	A	2.50	2.64	0.8643699	0.8902958		5.5	30
N-MeFOSE	A	25.0	24.9	0.9915736	1.01816		-0.6	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	5.27	1.208283	1.496629		18.5	30
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.38	0.7968952	0.8291323		-1.3	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.04	2.597492	2.185473		-14.4	30
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.15	0.1496759	0.1643895		-10.4	30
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	1.90	1.819993	1.457222		-24.0	30
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.72	1.255155	1.341873		15.8	30
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	6.36	9.429022E-03	1.134883E-02		27.2	30

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K0025
Client:	HRP Associates, Inc.	Project:	NEW6312.RA 7-11 Johnes Street
Instrument ID:	LCQQQ	Calibration:	SJ40012
Lab File ID:	QQQ45717.d	Calibration Date:	10/02/24 08:00
Sequence:	S4K0437	Injection Date:	11/04/24
Lab Sample ID:	S4K0437-CCV1	Injection Time:	10:30

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	5.45	0.3143278	0.3408754		8.9	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	5.14	0.4383648	0.4470199		2.8	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.16	1.093902	1.07758		-2.7	30	
Perfluorodecanoic acid (PFDA)	A	2.50	1.97	1.259324	1.020658		-21.3	30	
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	1.72	0.4923146	0.3438164		-28.9	30	
Perfluorododecanoic acid (PFDoA)	A	2.50	2.24	0.6888736	0.6903988		-10.6	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	3.46	2.162377	2.797978		38.6	30	*
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	2.72	1.125156	1.244048		19.5	30	
Perfluorohexanoic acid (PFHxA)	A	2.50	2.75	1.168659	1.274483		9.9	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	10.2	0.9198964	0.9221612		2.3	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.40	3.22776	3.099365		-4.0	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	2.18	2.393082	2.288307		-6.0	30	
Perfluorooctanoic acid (PFOA)	A	2.50	2.24	1.32833	1.179265		-10.5	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	5.28	0.9971918	1.03834		5.6	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.71	0.9924718	1.025759		8.2	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	2.80	1.123825	1.287409		12.1	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.92	0.7608425	0.812383		16.7	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K0025
Client:	HRP Associates, Inc.	Project:	NEW6312.RA 7-11 Johnes Street
Instrument ID:	LCQQQ	Calibration:	SJ40012
Lab File ID:	QQQ45874.d	Calibration Date:	10/02/24 08:00
Sequence:	S4K0713	Injection Date:	11/06/24
Lab Sample ID:	S4K0713-CCV1	Injection Time:	15:25

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	10.7	0.9972107	1.150668		13.5	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.7	0.21239	0.2678948		11.7	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	8.63	0.9745749	1.092794		-8.0	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.02	1.225153	1.354864		-5.1	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	77.8	0.1786578	0.250066		24.3	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	60.2	0.141167	0.153017		-3.8	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	9.83	2.654184E-02	2.322397E-02		-21.3	30	
9CL-PF3ONS	A	9.35	10.7	1.659723	1.913073		14.0	30	
ADONA	A	9.45	9.46	0.5447491	0.560181		0.08	30	
HFPO-DA (Gen-X)	A	10.0	9.98	2.663554E-02	2.744245E-02		3.0	30	
N-EtFOSA	A	2.50	2.45	1.166299	1.170151		-2.2	30	
N-EtFOSAA	A	2.50	2.62	0.9316949	0.9391639		4.7	30	
N-EtFOSE	A	25.0	28.8	1.626157	1.953721		15.4	30	
N-MeFOSA	A	2.50	3.10	0.8137409	0.9537663		17.2	30	
N-MeFOSAA	A	2.50	2.79	0.8643699	0.9401404		11.4	30	
N-MeFOSE	A	25.0	21.5	0.9915736	0.88037		-14.1	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	5.01	1.208283	1.423004		12.7	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.39	0.7968952	0.8348041		-0.6	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.22	2.597492	2.384314		-6.6	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.34	0.1496759	0.1851271		-2.4	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	1.96	1.819993	1.507201		-21.4	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.60	1.255155	1.281183		10.6	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	9.02	9.429022E-03	1.609728E-02		80.4	30	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K0025
Client:	HRP Associates, Inc.	Project:	NEW6312.RA 7-11 Johnes Street
Instrument ID:	LCQQQ	Calibration:	SJ40012
Lab File ID:	QQQ45874.d	Calibration Date:	10/02/24 08:00
Sequence:	S4K0713	Injection Date:	11/06/24
Lab Sample ID:	S4K0713-CCV1	Injection Time:	15:25

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	5.09	0.3143278	0.3188309		1.9	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	4.87	0.4383648	0.4232985		-2.6	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.10	1.093902	1.046049		-5.6	30	
Perfluorodecanoic acid (PFDA)	A	2.50	2.08	1.259324	1.077161		-16.9	30	
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.24	0.4923146	0.447517		-7.3	30	
Perfluorododecanoic acid (PFDoA)	A	2.50	2.60	0.6888736	0.8011186		3.9	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	3.69	2.162377	2.985291		47.8	30	*
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	2.54	1.125156	1.159652		11.4	30	
Perfluorohexanoic acid (PFHxA)	A	2.50	2.48	1.168659	1.149015		-1.0	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	10.1	0.9198964	0.9113873		1.1	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.80	3.22776	3.61029		11.9	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	2.27	2.393082	2.38692		-1.9	30	
Perfluorooctanoic acid (PFOA)	A	2.50	2.22	1.32833	1.16715		-11.4	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	5.23	0.9971918	1.029242		4.6	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.58	0.9924718	0.9776906		3.2	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	3.14	1.123825	1.439656		25.5	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.92	0.7608425	0.8120424		16.7	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K0025
Client:	HRP Associates, Inc.	Project:	NEW6312.RA 7-11 Johnes Street
Instrument ID:	LCQQQ	Calibration:	SJ40012
Lab File ID:	QQQ45905.d	Calibration Date:	10/02/24 08:00
Sequence:	S4K0729	Injection Date:	11/07/24
Lab Sample ID:	S4K0729-CCV1	Injection Time:	10:16

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	9.93	0.9972107	1.064689		5.1	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.4	0.21239	0.2612624		8.7	30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.28	0.9745749	1.169209		-1.1	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.40	1.225153	1.407625		-1.1	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	74.2	0.1786578	0.2386159		18.6	30
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	62.4	0.141167	0.1583787		-0.4	30
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	12.1	2.654184E-02	0.0283066		-3.5	30
9CL-PF3ONS	A	9.35	10.4	1.659723	1.863562		11.0	30
ADONA	A	9.45	9.26	0.5447491	0.5482962		-2.0	30
HFPO-DA (Gen-X)	A	10.0	9.18	2.663554E-02	2.524624E-02		-5.2	30
N-EtFOSA	A	2.50	2.62	1.166299	1.251692		4.7	30
N-EtFOSAA	A	2.50	2.55	0.9316949	0.9146939		1.9	30
N-EtFOSE	A	25.0	30.3	1.626157	2.050541		21.1	30
N-MeFOSA	A	2.50	2.98	0.8137409	0.9156333		12.5	30
N-MeFOSAA	A	2.50	2.52	0.8643699	0.8516175		0.9	30
N-MeFOSE	A	25.0	24.0	0.9915736	0.9834464		-4.0	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.76	1.208283	1.350669		6.9	30
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	3.00	0.7968952	1.04368		24.4	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.71	2.597492	2.907521		14.0	30
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.87	0.1496759	0.1792407		19.7	30
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.02	1.819993	1.546092		-19.4	30
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.44	1.255155	1.204607		4.0	30
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.85	9.429022E-03	8.661537E-03		-2.9	30

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K0025
Client:	HRP Associates, Inc.	Project:	NEW6312.RA 7-11 Johnes Street
Instrument ID:	LCQQQ	Calibration:	SJ40012
Lab File ID:	QQQ45905.d	Calibration Date:	10/02/24 08:00
Sequence:	S4K0729	Injection Date:	11/07/24
Lab Sample ID:	S4K0729-CCV1	Injection Time:	10:16

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Perfluoro-4-oxapentanoic acid (PFMPA)	A	5.00	5.40	0.3143278	0.337741		7.9	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	A	5.00	4.92	0.4383648	0.4279698		-1.6	30	
Perfluorobutanesulfonic acid (PFBS)	A	2.22	2.13	1.093902	1.060959		-4.2	30	
Perfluorodecanoic acid (PFDA)	A	2.50	2.14	1.259324	1.111937		-14.2	30	
Perfluorododecanesulfonic acid (PFDoS)	A	2.42	2.13	0.4923146	0.4247069		-12.1	30	
Perfluorododecanoic acid (PFDoA)	A	2.50	2.38	0.6888736	0.733469		-5.0	30	
Perfluoroheptanoic acid (PFHpA)	A	2.50	3.34	2.162377	2.694338		33.5	30	*
Perfluorohexanesulfonic acid (PFHxS)	A	2.28	2.54	1.125156	1.157869		11.2	30	
Perfluorohexanoic acid (PFHxA)	A	2.50	2.55	1.168659	1.185414		2.2	30	
Perfluoro-n-butanoic acid (PFBA)	A	10.0	10.1	0.9198964	0.9127604		1.3	30	
Perfluorononanoic acid (PFNA)	A	2.50	2.41	3.22776	3.112806		-3.6	30	
Perfluorooctanesulfonic acid (PFOS)	A	2.32	2.83	2.393082	2.970197		22.2	30	
Perfluorooctanoic acid (PFOA)	A	2.50	2.03	1.32833	1.068785		-18.8	30	
Perfluoropentanoic acid (PFPeA)	A	5.00	5.27	0.9971918	1.036959		5.4	30	
Perfluorotetradecanoic acid (PFTA)	A	2.50	2.50	0.9924718	0.9489879		0.1	30	
Perfluorotridecanoic acid (PFTrDA)	A	2.50	3.02	1.123825	1.387846		20.9	30	
Perfluoroundecanoic acid (PFUnA)	A	2.50	2.72	0.7608425	0.7566012		8.8	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Field Duplicate Calculation Section

EPA Method 1633 PFC

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 24K0025

S1= PDI-SB-4 (3ft bg) **S2=** DUP

Analyte	S1	S2	RPD (%)
Perfluorooctanesulfonic acid (PFOS)	1.57	1.27	21%

* RPD is above the allowable maximum 35%.

Results are in units of ug/kg.

Bold numbers were values that are below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

24K1288

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Data Usability Summary Report for
York Analytical Laboratories, Inc., SDG: 24K1288

4 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected November 15, 2024

Prepared by: Donald Anné
January 9, 2025

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of 4 ground water samples, 1 field duplicate, and 1 trip blank analyzed for volatiles; 4 ground water samples, 1 field duplicate, and 1 field blank analyzed for PFAS; and results of 4 ground water samples and 1 field duplicate analyzed for semi-volatiles, SIM semi-volatiles, 1,4-dioxane, and RCRA metals.

The overall performances of the analyses are acceptable. York Analytical Laboratories, Inc. did fulfill the requirements of the analytical methods except for ICP metals analyses.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The "not detected" volatile results for tetrachloroethylene were qualified as "estimated" (UJ) for all 4 ground water samples, field duplicate, field blank, and trip blank because 2 of 2 percent recoveries for tetrachloroethylene were below QC limits, but not below 30% in the associated aqueous LCS/LCSD.

- The "not detected" volatile result for dichlorodifluoromethane was qualified as "rejected, unusable" (R) for all 4 ground water samples, field duplicate, field blank, and trip blank because 2 of 2 percent recoveries for dichlorodifluoromethane were below QC limits and one below 30% in the associated aqueous LCS/LCSD.

- Positive volatile result for acetone was qualified as "not detected" (U) for sample MW-1R because the level reported in the samples were not significantly greater than (more than 10 times) the highest associated blank level.

- Positive volatile results for acrolein were qualified as "not detected" (U) for all 4 ground water samples, field duplicate, field blank, and trip blank because the level reported in the samples were not significantly greater than (more than 5 times) the highest associated blank level.

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- The positive volatile results for 10 compounds were qualified as "estimated, biased high" (J+) for undiluted sample MW-3R because 1 of 3 surrogate recoveries was above control limits in the sample.

- The positive volatile results for 7 compounds were qualified as "estimated, biased high" (J+) for undiluted sample MW-4R because 1 of 3 surrogate recoveries was above control limits in the sample.

- The positive volatile results for 11 compounds were qualified as "estimated, biased high" (J+) for undiluted sample Dup because 1 of 3 surrogate recoveries was above control limits in the sample.

- The positive result for isopropylbenzene was qualified as estimated (J) for diluted sample MW-3R because the relative percent difference for isopropylbenzene was above the allowable maximum for the aqueous field duplicate pair MW-3R/Dup.

- Positive volatile result for acetone was qualified as "estimated" (J) for the field blank because the %RSD for acetone was above the allowable maximum in the associated initial calibration.

- The "not detected" semi-volatile results for benzoic acid, hexachlorocyclopentadiene. and pyridine were qualified as "rejected, unusable" (R) for samples MW-1R, MW-4R, and MW-5R because 1 or 2 percent recoveries for these compounds were below QC limits and below 30% in the associated aqueous LCS/LCSD.

- The "not detected" semi-volatile results for 4-nitrophenol, benzoic acid, caprolactam, and pyridine were qualified as "rejected, unusable" (R) for sample Dup because 1 or 2 percent recoveries for these compounds were below QC limits and below 30% in the associated aqueous LCS/LCSD.

- The "not detected" semi-volatile result for caprolactam was qualified as "rejected, unusable" (R) for sample MW-4R because 2 of 2 percent recoveries for caprolactam were below QC limits and below 30% in the aqueous MS/MSD.

- The "not detected" semi-volatile results for 37 base/neutral compounds were qualified as "rejected, unusable" (R) for sample MW-3R because 1 of 3 base/neutral surrogate recoveries was below QC limits and below 10% in the sample.

- The "not detected" semi-volatile results for 33 base/neutral compounds were qualified as "estimated" (UJ) for sample MW-4R because 2 of 3 base/neutral surrogate recoveries were below QC limits, but not below 10% in the sample.

- The positive SIM semi-volatile results for naphthalene were qualified as "estimated" (J) for samples MW-3R and Dup because relative percent difference for naphthalene was above the allowable maximum in aqueous field duplicate pair MW-3R/Dup.

- The "not detected" SIM semi-volatile results for hexachlorobutadiene, hexachloroethane, nitrobenzene, and n-nitrosodimethylamine were qualified as "rejected, unusable" (R) for samples MW-1R, MW-3R, and MW-4R because the percent recoveries for these compounds were below QC limits and below 30% in the associated aqueous LCS.

- The "not detected" PFAS results for PFMPA were qualified as rejected, unusable (R) for all 4 ground water samples, field duplicate, and field blank because the percent recoveries for PFMPA were below QC limits and below 30% in the associated aqueous LCSs.

- The positive PFAS results for PFOS were qualified as estimated (J) for samples MW-3R and Dup because the relative percent difference for PFOS was above the allowable maximum in the aqueous field duplicate pair MW-3R/Dup.

- The positive PFAS results for PFBA was qualified as "estimated" (J) for sample MW-3R because percent recovery for the surrogate used to quantitate PFBA was below QC limits, but not below 10% in the samples.

- The "not detected" PFAS result for PFBA was qualified as "rejected, unusable" (R) for sample Field Blank because percent recovery for the surrogate used to quantitate PFBA was below QC limits and below 10% in the sample.

- The positive "not detected" results for cadmium were qualified as estimated (UJ) for all 4 ground water samples and the field duplicate because the percent recovery for cadmium was below control limits, but not below 30% in the associated aqueous LCS.

- The positive metal results for barium were qualified as estimated, biased low (J-) for samples MW-1R, MW-3R, and MW-4R because the percent recovery for barium was below control limits, but not below 50% in the associated continuing calibration verification sample.

- The positive metal results for barium were qualified as estimated, biased high (J+) for samples MW-5R and Dup because the percent recovery for barium was above control limits, but not above 150% in the associated continuing calibration verification sample.

- The positive metal results for selenium were qualified as estimated (J) for sample MW-1R, MW-4R, MW-5R, and Dup because the relative percent difference for selenium was above the allowable maximum in the associated aqueous duplicate sample.

All data that are not qualified rejected (R) are considered usable with estimated (J-, J, J+, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	**1,2,4-Trimethylbenzene**	**11.3**		ug/L	0.310	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	**1,3,5-Trimethylbenzene**	**0.840**		ug/L	0.347	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **MW-1R** **York Sample ID:** **24K1288-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**1.39**	U	ug/L	1.34	2.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	**Acrolein**	**0.760**	U B	ug/L	0.447	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	R CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	**Isopropylbenzene**	**1.97**		ug/L	0.405	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	**n-Butylbenzene**	**1.32**		ug/L	0.399	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	**n-Propylbenzene**	**2.00**		ug/L	0.384	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	**sec-Butylbenzene**	**3.01**		ug/L	0.444	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	**tert-Butylbenzene**	**0.710**		ug/L	0.367	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*	*79-122*

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzene, diethyl isomer**	**2.5**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:				
NA	**Benzene, ethyl isomer (01)**	**2.0**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:				
NA	**Benzene, ethyl isomer (02)**	**4.7**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:				
NA	**Benzene, ethyl isomer (03)**	**1.9**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:				
NA	**Benzene, methyl isomer**	**2.4**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:				
NA	**Benzene, tetramethyl isomer (01)**	**1.9**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:				
NA	**Benzene, tetramethyl isomer (02)**	**2.2**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:				
NA	**bicyclo nonane isomer**	**3.6**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:				
NA	**Cyclohexane, ethyl isomer**	**1.9**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:				
NA	**indene isomer**	**2.0**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:				
NA	**Phenyl butene isomer**	**5.6**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:				
NA	**trans-Decene isomer**	**3.4**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:33	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	CAL-E, CCVE	ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R QL-02, CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	R QL-02, ICVE	ug/L	5.00	10.0	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	R QL-02	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.2 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.3 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.2 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.4 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.900**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.220**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.450**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.530**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**1.11**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND	R	ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	R	ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**2.00**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	R	ug/L	0.250	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	R	ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	**Phenanthrene**	**1.93**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.430**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	11/19/2024 15:29	11/21/2024 13:33	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**9.12**		ng/L	0.433	1.63	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**21.8**		ng/L	0.323	1.84	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**9.92**		ng/L	0.655	1.84	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**22.7**		ng/L	0.627	1.69	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**15.9**		ng/L	0.387	1.84	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**40.3**		ng/L	0.756	1.72	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**2.21**		ng/L	0.480	1.84	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.692	1.84	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.04	1.84	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.812	1.84	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.683	1.84	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.636	1.84	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.729	1.84	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.950	1.84	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**28.8**		ng/L	0.212	3.69	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.812	1.84	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NJDEP-NY037			
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**1.12**	J	ng/L	0.839	1.76	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.22	1.78	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.92	7.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.89	7.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**12.9**		ng/L	0.304	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.461	3.28	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:26	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.97	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:26	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS-L	ng/L	0.231	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:26	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.341	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 15:26	AM
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**3.42**		ng/L	0.701	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.65	6.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.98	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.27	6.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.646	6.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
919005-14-4	ADONA	ND		ng/L	0.489	6.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.858	1.79	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.793	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:26	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.87	4.61	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.76	23.1	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.73	23.1	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.68	18.4	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.46	1.84	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.68	18.4	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.66	1.84	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 15:26	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*134 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*134 %*	*25-150*

Sample Information

Client Sample ID: MW-1R

York Sample ID: 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*131 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*122 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*125 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*117 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*154 %*	PFSu-H		*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*27.9 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*118 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*125 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*128 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*130 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*116 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*180 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*179 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*151 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*134 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*129 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*145 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*89.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*83.9 %*			*25-150*						

Metals, RCRA (no Hg) by 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**1.27**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:44	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**91.8**	J- M-CCV 1	ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:44	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ M-CCV 1	ug/L	0.556	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:44	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:44	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:44	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	**Selenium**	**1.23**	J	ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:44	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:44	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-1R **York Sample ID:** 24K1288-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:15 am	11/18/2024

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	11/22/2024 08:20	11/22/2024 08:20	PFA
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-3R **York Sample ID:** 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	**1,2,4-Trimethylbenzene**	**32.2**	J+	ug/L	0.310	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	**1,2-Dichlorobenzene**	**0.520**	J+	ug/L	0.270	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	**1,3,5-Trimethylbenzene**	**1.37**	J+	ug/L	0.347	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**1.92**	J+	ug/L	1.34	2.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	**Acrolein**	**1.10**	U B	ug/L	0.447	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	**cis-1,2-Dichloroethylene**	**0.690**	J+	ug/L	0.294	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	R CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	**Ethyl Benzene**	**1.26**	J+	ug/L	0.290	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	**Isopropylbenzene**	**61.9**	J	ug/L	4.05	5.00	10	EPA 8260D	11/22/2024 08:00	11/22/2024 11:47	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	**Methylcyclohexane**	**1.66**	J+	ug/L	0.477	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	**n-Butylbenzene**	**33.5**	J+	ug/L	0.399	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	**n-Propylbenzene**	**139**		ug/L	3.84	5.00	10	EPA 8260D	11/22/2024 08:00	11/22/2024 11:47	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	**sec-Butylbenzene**	**59.2**	J+	ug/L	0.444	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	**tert-Butylbenzene**	**11.2**	J+	ug/L	0.367	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.9 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*153 %*	S-04, S-08	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzene, diethyl isomer**	**20**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:				
NA	**Benzene, methyl isomer (01)**	**8.6**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:				
NA	**Benzene, methyl isomer (02)**	**38**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:				
NA	**Benzene, tetramethyl isomer**	**17**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:				
NA	**Cyclohexane, tetramethyl is...**	**7.8**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:				
NA	**Dimethylindene isomer**	**8.9**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:				
NA	**Indan, methyl isomer**	**40**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:				
NA	**Indene, octahydro isomer**	**4.7**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:				
NA	**Phenyl butene isomer**	**16**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 22:59	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	R CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	R CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND	R CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	R CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	R CAL-E, CCVE	ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R CAL-E, QL-02	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	R	ug/L	1.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	R CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
122-39-4	Diphenylamine	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	R ICVE, QL-02	ug/L	5.00	10.0	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	R QL-02	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

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**						
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.3 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.4 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*3.68 %*	S-08		*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.4 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*91.0 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.0 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND	R	ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	R	ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.940**	J	ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	R	ug/L	0.250	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	R	ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 19:36	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	11/19/2024 15:29	11/21/2024 13:50	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**9.52**		ng/L	0.472	1.78	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**14.6**		ng/L	0.352	2.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**8.97**		ng/L	0.714	2.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**17.1**		ng/L	0.683	1.84	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**21.4**		ng/L	0.422	2.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**60.9**	J	ng/L	0.824	1.87	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**1.78**	J	ng/L	0.523	2.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.754	2.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.14	2.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.884	2.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.744	2.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.693	2.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.794	2.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	**N-EtFOSAA**	**1.59**	J	ng/L	1.04	2.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**21.0**		ng/L	0.231	4.02	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.884	2.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NJDEP-NY037			
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**1.25**	J	ng/L	0.915	1.92	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.33	1.94	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.54	7.64	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.06	7.72	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**11.1**	J	ng/L	0.332	8.04	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.503	3.58	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.15	4.02	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS-L	ng/L	0.251	4.02	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.372	4.02	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058			
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**2.64**		ng/L	0.764	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.80	7.54	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.25	8.04	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.39	7.60	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.704	7.52	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.533	7.60	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.935	1.95	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.864	1.93	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:	NJDEP-NY037			

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.04	5.03	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.37	25.1	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.52	25.1	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	4.01	20.1	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.59	2.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	4.01	20.1	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:				
4151-50-2	* N-EtFOSA	ND		ng/L	1.81	2.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:42	AM
							Certifications:				

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*130 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*130 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*127 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*92.9 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*107 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*89.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*22.8 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*105 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*115 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*111 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*104 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*98.4 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*216 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*164 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*119 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*177 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*96.9 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*88.4 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*154 %*	PFSu-H	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*60.3 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*60.2 %*		*25-150*

Sample Information

Client Sample ID: MW-3R

York Sample ID: 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
054120-64-8	**1(3H)-Isobenzofuranone, 5-m...**	**18.2**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
000083-33-0	**1H-Inden-1-one, 2,3-dihydro...**	**15.0**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
NA	**1-Methylindan-2-one isomer ...**	**14.1**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
NA	**Acetic acid, (2,4-xylyl)- i... (01)**	**27.0**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
NA	**Acetic acid, (2,4-xylyl)- i... (02)**	**43.5**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
000768-00-3	**Benzene, (1-methyl-1-propen...**	**57.2**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
002039-93-2	**Benzene, (1-methylenepropyl...**	**20.2**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
NA	**Benzene, 1,2,4-trimethyl-is...**	**338**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
NA	**Benzene, 1,2-diethyl- isome...**	**18.7**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
NA	**Benzene, 1,2-diethyl-isomer...**	**24.5**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
000933-98-2	**Benzene, 1-ethyl-2,3-dimeth...**	**25.6**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
000874-41-9	**Benzene, 1-ethyl-2,4-dimeth...**	**46.0**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
000934-80-5	**Benzene, 4-ethyl-1,2-dimeth...**	**19.8**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
NA	**Benzene, diethenyl- isomer ...**	**43.1**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
078920-29-3	**Bicyclo[4.2.0]octa-1,3,5-tr...**	**44.7**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
NA	**Indan, 1-methyl- isomer RT5.88**	**88.8**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				
NA	**Indane -isomer RT5.57**	**61.7**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 17:57	SS
							Certifications:				

Metals, RCRA (no Hg) by 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.02**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:47	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**199**	J- M-CCV 1	ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:47	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ M-CCV 1	ug/L	0.556	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:47	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:47	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-3R **York Sample ID:** 24K1288-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 11:00 am	11/18/2024

Metals, RCRA (no Hg) by 6020

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**1.26**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:47	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:47	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:47	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	11/22/2024 08:20	11/22/2024 08:20	PFA
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-4R **York Sample ID:** 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**1.57**	J+	ug/L	0.310	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**1.65**	J+	ug/L	1.34	2.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	**Acrolein**	**1.06**	U B	ug/L	0.447	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	R CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	**Isopropylbenzene**	**6.04**	J+	ug/L	0.405	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	**n-Butylbenzene**	**11.0**	J+	ug/L	0.399	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	**n-Propylbenzene**	**12.9**	J+	ug/L	0.384	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	**sec-Butylbenzene**	**25.7**	J+	ug/L	0.444	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **MW-4R** **York Sample ID:** **24K1288-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	**tert-Butylbenzene**	**4.66**	J+	ug/L	0.367	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.6 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*152 %*	S-08, S-04	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzene, ethyl isomer**	**65**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				
NA	**Benzene, methyl isomer (01)**	**14**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				
NA	**Benzene, methyl isomer (02)**	**7.5**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				
NA	**Benzene, methyl isomer (03)**	**23**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				
NA	**Benzene, methyl isomer (04)**	**44**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				
NA	**Benzene, methyl isomer (05)**	**8.2**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				
NA	**Benzene, tetramethyl isomer**	**20**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				
NA	**Bicyclo octane isomer**	**5.4**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Bicyclo octatriene isomer**	**28**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				
NA	**decene isomer**	**6.1**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				
NA	**Dimethylindene isomer**	**9.2**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				
NA	**indene isomer**	**4.6**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				
NA	**Indene, dihydro isomer**	**6.5**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				
NA	**Indene, octahydro isomer (01)**	**7.6**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				
NA	**Indene, octahydro isomer (02)**	**13**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/21/2024 23:25	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	UJ CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	UJ CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	UJ CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	UJ CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	UJ CCVE, CAL-E	ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R QL-02, CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND	UJ	ug/L	1.00	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	R CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
122-39-4	Diphenylamine	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	R ICVE, QL-02	ug/L	5.00	10.0	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND	UJ	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	R QL-02	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*17.1 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*11.6 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.2 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*37.6 %*	S-08	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.1 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.9 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND	R	ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	R	ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.250**		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	R	ug/L	0.250	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	R	ug/L	0.500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/22/2024 08:02	11/22/2024 20:06	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	11/20/2024 17:16	11/24/2024 17:34	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*			*36.6-118*					

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**5.22**		ng/L	0.431	1.62	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**10.3**		ng/L	0.321	1.83	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**4.28**		ng/L	0.651	1.83	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**5.74**		ng/L	0.624	1.68	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**12.5**		ng/L	0.385	1.83	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**5.20**		ng/L	0.752	1.71	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.593**	J	ng/L	0.477	1.83	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.688	1.83	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.04	1.83	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.807	1.83	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.679	1.83	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.633	1.83	1 Certifications:	EPA 1633 Draft 3 NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.725	1.83	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.945	1.83	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**13.7**		ng/L	0.211	3.67	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.807	1.83	1 Certifications:	EPA 1633 Draft 3 NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.835	1.75	1 Certifications:	EPA 1633 Draft 3 NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.21	1.77	1 Certifications:	EPA 1633 Draft 3 NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.88	6.97	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.88	7.04	1 Certifications:	EPA 1633 Draft 3 NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 15:58	AM

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**15.6**		ng/L	0.303	7.34	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.459	3.27	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.96	3.67	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS-L	ng/L	0.229	3.67	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.339	3.67	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:	NELAC-NY12058			
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**1.21**	J	ng/L	0.697	1.72	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.64	6.88	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.96	7.34	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.27	6.93	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.642	6.86	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.486	6.93	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.853	1.78	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.789	1.76	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.86	4.59	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.72	22.9	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.69	22.9	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	3.66	18.3	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.45	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	3.66	18.3	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:				
4151-50-2	* N-EtFOSA	ND		ng/L	1.65	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 15:58	AM
							Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*127 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*139 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*148 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*138 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*136 %*	*25-150*

Sample Information

Client Sample ID: MW-4R

York Sample ID: 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C6PFDA	*Surrogate: M6PFDA*	*112 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*110 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*102 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*92.8 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*29.5 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*115 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*132 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*116 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*104 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*110 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*211 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*155 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*125 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*185 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*87.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*85.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*160 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*60.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.1 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
031244-58-3	**1,2,3,4,4a,5,6,8a-Octahydro-naphthalene isomer**	**18.8**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:				
016021-08-2	**2(1H)-Naphthalenone, octahydro-trans isomer RT**	**15.1**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:				
006331-04-0	**Acetic acid, (2,4-xylyl)-isomer RT8.03**	**12.2**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:				
000527-53-7	**Benzene, 1,2,3,5-tetramethyl-isomer RT6.26**	**11.0**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:				
000095-63-6	**Benzene, 1,2,4-trimethyl-isomer RT5.46**	**14.7**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:				
003618-12-0	**Cyclodecene isomer RT6.75**	**10.0**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:				
015232-95-8	**Cyclohexene,3-(2-propenyl)-isomer RT7.38**	**12.0**	J	ug/L			1	EPA 8270D	11/22/2024 08:02	11/22/2024 18:26	SS
							Certifications:				

Sample Information

Client Sample ID: MW-4R **York Sample ID:** 24K1288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:45 pm	11/18/2024

Metals, RCRA (no Hg) by 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**1.63**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:51	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**246**	J- M-CCV 1	ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:51	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ M-CCV 1	ug/L	0.556	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:51	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:51	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:51	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	**Selenium**	**7.77**	J	ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:51	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 17:51	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	11/22/2024 08:20	11/22/2024 08:20	PFA
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-5R **York Sample ID:** 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	**Acrolein**	**1.20**	U B	ug/L	0.447	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	R CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:31	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		CAL-E ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		CAL-E ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		CAL-E, CCVE ug/L	5.00	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R	CAL-E ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		CAL-E ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	R	CCVE, ICVE ug/L	5.00	10.0	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*21.1 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*11.8 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.4 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.8 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*50.9 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.3 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 11:35	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	11/19/2024 15:29	11/21/2024 14:08	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*76.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**4.90**		ng/L	0.434	1.63	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**11.8**		ng/L	0.323	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**6.96**		ng/L	0.655	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**9.84**		ng/L	0.628	1.69	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**20.6**		ng/L	0.388	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**55.1**		ng/L	0.757	1.72	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**2.55**		ng/L	0.480	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.692	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.04	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.812	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.683	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.637	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.729	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.951	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**10.8**		ng/L	0.212	3.69	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.812	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NJDEP-NY037			
375-92-8	* **Perfluoro-1-heptanesulfonic acid (PFHpS)**	**1.13**	J	ng/L	0.840	1.76	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.22	1.78	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.92	7.01	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.89	7.09	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.305	7.38	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.462	3.29	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.98	3.69	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS -L	ng/L	0.231	3.69	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.342	3.69	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058			
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**1.54**	J	ng/L	0.701	1.74	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.65	6.92	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.98	7.38	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.27	6.98	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.646	6.90	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MW-5R

York Sample ID: 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
919005-14-4	ADONA	ND		ng/L	0.489	6.98	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.858	1.79	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.794	1.77	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.87	4.62	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.77	23.1	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.74	23.1	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	3.68	18.5	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.46	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	3.68	18.5	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:				
4151-50-2	* N-EtFOSA	ND		ng/L	1.66	1.85	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 16:46	AM
							Certifications:				

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*119 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*117 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*121 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*94.9 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*103 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*111 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*106 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*27.4 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*95.4 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*111 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*94.2 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*88.3 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*84.2 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*187 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*131 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*113 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*158 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*102 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*113 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*134 %*		*25-150*

Sample Information

Client Sample ID: MW-5R **York Sample ID:** 24K1288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 1:32 pm	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*71.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*71.9 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	11/22/2024 15:52	11/25/2024 09:54	SS
							Certifications:				

Metals, RCRA (no Hg) by 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:12	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**74.7**	J+ M-CCV 1	ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:12	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	ug/L	0.556	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:12	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:12	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:12	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	**Selenium**	**4.77**	J	ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:12	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:12	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	11/22/2024 08:20	11/22/2024 08:20	PFA
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Dup **York Sample ID:** 24K1288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

Sample Information

Client Sample ID: Dup

York Sample ID: 24K1288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	**1,2,4-Trimethylbenzene**	**31.0**	J+	ug/L	0.310	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	**1,2-Dichlorobenzene**	**0.520**	J+	ug/L	0.270	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	**1,3,5-Trimethylbenzene**	**1.29**	J+	ug/L	0.347	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**1.87**	J+	ug/L	1.34	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: Dup

York Sample ID: 24K1288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	**Acrolein**	**1.47**	U B	ug/L	0.447	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	**cis-1,2-Dichloroethylene**	**0.680**	J+	ug/L	0.294	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	R CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	**Ethyl Benzene**	**1.23**	J+	ug/L	0.290	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	**Isopropylbenzene**	**77.0**	J+	ug/L	0.405	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Dup** **York Sample ID:** **24K1288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	**Methylcyclohexane**	**1.58**	J+	ug/L	0.477	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	**n-Butylbenzene**	**32.2**	J+	ug/L	0.399	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	**n-Propylbenzene**	**148**		ug/L	3.84	5.00	10	EPA 8260D	11/22/2024 08:00	11/22/2024 11:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	**sec-Butylbenzene**	**55.6**	J+	ug/L	0.444	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	**tert-Butylbenzene**	**10.4**	J+	ug/L	0.367	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.3 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*146 %*	S-04, S-08	*79-122*

Sample Information

Client Sample ID: Dup

York Sample ID: 24K1288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzene, diethyl isomer**	**20**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:				
NA	**Benzene, ethyl isomer**	**40**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:				
NA	**Benzene, methyl isomer (01)**	**8.4**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:				
NA	**Benzene, methyl isomer (02)**	**16**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:				
NA	**Benzene, tetramethyl isomer**	**18**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:				
NA	**Dimethylindene isomer**	**8.9**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:				
NA	**Indan, methyl isomer**	**41**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:				
NA	**Indene, octahydro isomer**	**4.3**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:				
NA	**Octene, dimethyl isomer**	**7.3**	J	ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:58	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Dup

York Sample ID: 24K1288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	R	ug/L	5.00	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	CAL-E, CCVE	ug/L	5.00	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	R CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Dup

York Sample ID: 24K1288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND	R CAL-E	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
122-39-4	Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
110-86-1	Pyridine	ND	R	ug/L	2.50	5.00	1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*19.3 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*11.9 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*52.8 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.0 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*62.3 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.0 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Dup

York Sample ID: 24K1288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.430**	J	ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/21/2024 08:22	11/22/2024 12:05	SS
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

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

Sample Information

Client Sample ID: Dup

York Sample ID: 24K1288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	11/19/2024 15:29	11/21/2024 14:26	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**9.52**		ng/L	0.440	1.66	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**14.5**		ng/L	0.327	1.87	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**8.14**		ng/L	0.664	1.87	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**21.2**		ng/L	0.636	1.71	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**22.7**		ng/L	0.393	1.87	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**24.4**	J	ng/L	0.767	1.74	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**1.71**	J	ng/L	0.486	1.87	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.701	1.87	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.06	1.87	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.823	1.87	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.692	1.87	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.645	1.87	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.739	1.87	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	**N-EtFOSAA**	**2.30**		ng/L	0.963	1.87	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**20.0**		ng/L	0.215	3.74	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.823	1.87	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NJDEP-NY037			
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**1.12**	J	ng/L	0.851	1.79	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.23	1.81	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.01	7.11	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **Dup** **York Sample ID:** **24K1288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.92	7.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**9.56**		ng/L	0.309	7.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.468	3.33	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 17:02	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.00	3.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 17:02	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS-L	ng/L	0.234	3.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 17:02	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.346	3.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/23/2024 13:02	11/25/2024 17:02	AM
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**2.97**		ng/L	0.711	1.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.67	7.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.02	7.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.29	7.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.655	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
919005-14-4	ADONA	ND		ng/L	0.496	7.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.870	1.81	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.804	1.80	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/23/2024 13:02	11/25/2024 17:02	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.90	4.68	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.86	23.4	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.86	23.4	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.73	18.7	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.48	1.87	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.73	18.7	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.68	1.87	1	EPA 1633 Draft 3 Certifications:	11/23/2024 13:02	11/25/2024 17:02	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*144 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*144 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*141 %*	*25-150*

Sample Information

Client Sample ID: Dup

York Sample ID: 24K1288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*140 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*132 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*120 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*118 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*113 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*124 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*27.9 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*118 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*133 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*130 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*129 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*119 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*249 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*186 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*129 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*211 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*111 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*112 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*168 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*60.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.2 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
054120-64-8	**1(3H)-Isobenzofuranone, 5-m...**	**18.2**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				
000083-33-0	**1H-Inden-1-one, 2,3-dihydro...**	**16.4**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				
NA	**1H-Indene, 1-methyl- isomer...**	**35.5**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				
NA	**1-Methylindan-2-one isomer ... (01)**	**13.9**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				
NA	**1-Methylindan-2-one isomer ... (02)**	**19.5**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				
NA	**Acetic acid, (2,4-xylyl)- i...**	**10.5**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				
NA	**Benzene, 1,2,3-trimethyl-is...**	**255**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				
NA	**Benzene, 1,2-diethyl- Benze...**	**13.2**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				
NA	**Benzene, 1,2-diethyl- isome...**	**17.2**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				

Sample Information

Client Sample ID: Dup

York Sample ID: 24K1288-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Ground Water	November 15, 2024 12:01 am	11/18/2024

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
000622-97-9	**Benzene, 1-ethenyl-4-methyl...**	**54.3**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				
NA	**Benzene, 2-butenyl- 2-Buten...**	**34.2**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				
000934-80-5	**Benzene, 4-ethyl-1,2-dimeth... (01)**	**14.4**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				
000934-80-5	**Benzene, 4-ethyl-1,2-dimeth... (02)**	**12.4**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				
NA	**Ethyl 4-methylbenzoate isom...**	**18.4**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				
NA	**Indane isomer RT5.57**	**42.6**	J	ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	11/21/2024 08:22	11/22/2024 11:53	SS
							Certifications:				

Metals, RCRA (no Hg) by 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.30**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:15	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**169**	J+ M-CCV 1	ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:15	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	UJ	ug/L	0.556	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:15	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:15	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**1.20**		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:15	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	**Selenium**	**3.50**	J	ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:15	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	11/20/2024 08:33	11/22/2024 18:15	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	11/22/2024 08:20	11/22/2024 08:20	PFA
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24K1288-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:00 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**1.52**	J	ug/L	1.34	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: Field Blank

York Sample ID: 24K1288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:00 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	**Acrolein**	**1.93**	U B	ug/L	0.447	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	**Bromodichloromethane**	**1.63**		ug/L	0.245	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	**Chloroform**	**18.5**		ug/L	0.243	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	R CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **24K1288-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:00 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: Field Blank

York Sample ID: 24K1288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:00 pm	11/18/2024

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 02:05	PD
							Certifications:				

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.444	1.67	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.331	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.671	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.643	1.73	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.397	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.775	1.76	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.491	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.709	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.07	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.832	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.699	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.652	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.747	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.974	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.217	3.78	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.832	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.860	1.81	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.25	1.82	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.09	7.18	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.94	7.26	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: Field Blank

York Sample ID: 24K1288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:00 pm	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	R	ng/L	0.312	7.56	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.473	3.36	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.02	3.78	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	R PF-LCS -L	ng/L	0.236	3.78	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.350	3.78	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058			
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.718	1.78	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.69	7.09	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.05	7.56	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.30	7.15	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.662	7.07	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.501	7.15	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.879	1.83	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.813	1.81	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.92	4.73	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.93	23.6	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.95	23.6	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	3.77	18.9	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.49	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	3.77	18.9	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:				
4151-50-2	* N-EtFOSA	ND		ng/L	1.70	1.89	1	EPA 1633 Draft 3	11/23/2024 13:02	11/25/2024 17:19	AM
							Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*121 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*133 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*132 %*	*25-150*

Sample Information

Client Sample ID: Field Blank

York Sample ID: 24K1288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:00 pm	11/18/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C6PFDA	*Surrogate: M6PFDA*	*113 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*141 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*155 %*	PFSu-H		*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*175 %*	PFSu-H		*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.41 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*121 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*71.5 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*134 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*140 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*131 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*181 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*152 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*117 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*188 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*181 %*	PFSu-H		*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*167 %*	PFSu-H		*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*157 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*117 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*106 %*			*25-150*						

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24K1288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24K1288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	**Acrolein**	**1.75**	U B	ug/L	0.447	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24K1288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	R CCVE, ICVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24K1288-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1288	7-11 Johnes St. / NEW6312.RA	Water	November 15, 2024 1:32 pm	11/18/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	UJ ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	11/21/2024 15:35	11/22/2024 01:38	PD
							Certifications:				

VOC Data Section

ALPHA GEOSCIENCE

Geology
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Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data for
York Analytical Laboratories, Inc., SDG: 24K1288

4 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected November 15, 2024

Prepared by: Donald Anné
January 9, 2025

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for 1,2-dibromo-3-chloropropane, 2-butanone, 2-hexanone, 4-methyl-2-pentanone, and bromoform were below the method minimums, but not below 0.010 for VOA No. 10 on 11-18-24. No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %RSDs for acetone and acrolein were above the allowable maximum (30%) for VOA No. 10 on 11-18-24. Positive results for these compounds should be considered estimated (J) in associated samples.

Continuing Calibration: The RRFs for 1,2-dibromo-3-chloropropane, 2-butanone, 2-hexanone, and bromoform were below the method minimums, but not below 0.010 on 11-21-24 (V10C08641.D). The %Ds for bromomethane, chloromethane, and dichlorodifluoromethane were above the method maximum on 11-21-24 (V10C08641.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for bromomethane, chloromethane, and dichlorodifluoromethane were above the allowable maximum (20%) on 11-21-24 (V10C08641.D). Positive results for these compounds should be considered estimated (J) in associated samples.

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www.alphageoscience.com

Blanks: Method blank BK41471-BLK1 contained traces of 1,2,3-trichlorobenzene (0.310 ug/L), acrolein (0.720 ug/L), and methylene chloride (0.620 ug/L). The field blank contained a trace of acetone (1.52 ug/L). Positive results for 1,2,3-trichlorobenzene and acrolein that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples. Positive results for methylene chloride and acetone that are less than 10 times the highest blank level should be reported as not detected (U) in associated samples.

The field blank contained unacceptable levels of bromodichloromethane (1.63 ug/L) and chloroform (18.5 ug/L). Positive results for these compounds that are less than 10 times the highest blank level should be reported as rejected, unusable (R) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: One of three surrogate recoveries for samples MW-3R, MW-4R, and DUP was above control limits. Positive results for these samples should be considered estimated, biased high (J+).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum; 1 or 2 percent recoveries (%Rs) for 13 applicable compounds were above QC limits; and 2 of 2 %Rs for tetrachloroethylene were below QC limits, but not below 30% for aqueous MS/MSD sample MW-4R. The “not detected” results for tetrachloroethylene should be considered estimated (UJ) in sample MW-4R.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum; 2 of 2 percent recoveries (%Rs) for tetrachloroethylene were below QC limits, but not below 30%; and 2 of 2%Rs for dichlorodifluoromethane were below QC limits and one below 30% for aqueous samples BK41471-BS1/BSD1. Positive results for these compounds should be considered estimated, biased low (J-); “not detected” results for tetrachloroethylene estimated (UJ); and “not detected” results for dichlorodifluoromethane rejected, unusable (R) in associated aqueous samples. in associated aqueous samples.

Field Duplicates: The relative percent differences for acrolein and isopropylbenzene were above below the allowable maximum (20%) for aqueous field duplicate pair MW-3R/Dup (attached table). Positive results for acrolein and isopropylbenzene should be considered estimated (J) in samples MW-3R and Dup.

Compound ID: Checked compounds and surrogates were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Sequence: S4K2207
Instrument: VOA No. 10
Calibration: SK40026

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S4K2207-CCV1)			Lab File ID: V10C08641.D		Analyzed: 11/21/24 19:27			
SURR: 1,2-Dichloroethane-d4	10.0	97.5	80 - 120	5.913	5.91225	0.0008	+/-0.50	
SURR: Toluene-d8	10.0	99.4	80 - 120	7.717	7.7155	0.0015	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	101	80 - 120	10.509	10.50925	-0.0002	+/-0.50	
LCS (BK41471-BS1)			Lab File ID: V10C08643.D		Analyzed: 11/21/24 20:20			
SURR: 1,2-Dichloroethane-d4	10.0	93.8	69 - 130	5.913	5.91225	0.0008	+/-0.50	
SURR: Toluene-d8	10.0	100	81 - 117	7.717	7.7155	0.0015	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	105	79 - 122	10.509	10.50925	-0.0002	+/-0.50	
LCS Dup (BK41471-BSD1)			Lab File ID: V10C08644.D		Analyzed: 11/21/24 20:47			
SURR: 1,2-Dichloroethane-d4	10.0	96.5	69 - 130	5.913	5.91225	0.0008	+/-0.50	
SURR: Toluene-d8	10.0	100	81 - 117	7.717	7.7155	0.0015	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	105	79 - 122	10.509	10.50925	-0.0002	+/-0.50	
Blank (BK41471-BLK1)			Lab File ID: V10C08646.D		Analyzed: 11/21/24 21:40			
SURR: 1,2-Dichloroethane-d4	10.0	95.8	69 - 130	5.913	5.91225	0.0008	+/-0.50	
SURR: Toluene-d8	10.0	100	81 - 117	7.717	7.7155	0.0015	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	107	79 - 122	10.509	10.50925	-0.0002	+/-0.50	
MW-1R (24K1288-01)			Lab File ID: V10C08648.D		Analyzed: 11/21/24 22:33			
SURR: 1,2-Dichloroethane-d4	10.0	94.8	69 - 130	5.913	5.91225	0.0008	+/-0.50	
SURR: Toluene-d8	10.0	101	81 - 117	7.717	7.7155	0.0015	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	118	79 - 122	10.509	10.50925	-0.0002	+/-0.50	
MW-3R (24K1288-02)			Lab File ID: V10C08649.D		Analyzed: 11/21/24 22:59			
SURR: 1,2-Dichloroethane-d4	10.0	93.9	69 - 130	5.913	5.91225	0.0008	+/-0.50	
SURR: Toluene-d8	10.0	99.6	81 - 117	7.717	7.7155	0.0015	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	153	79 - 122	10.509	10.50925	-0.0002	+/-0.50	*
MW-4R (24K1288-03)			Lab File ID: V10C08650.D		Analyzed: 11/21/24 23:25			
SURR: 1,2-Dichloroethane-d4	10.0	93.6	69 - 130	5.913	5.91225	0.0008	+/-0.50	
SURR: Toluene-d8	10.0	100	81 - 117	7.717	7.7155	0.0015	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	152	79 - 122	10.509	10.50925	-0.0002	+/-0.50	*
Matrix Spike (BK41471-MS1)			Lab File ID: V10C08651.D		Analyzed: 11/21/24 23:52			
SURR: 1,2-Dichloroethane-d4	10.0	92.3	69 - 130	5.913	5.91225	0.0008	+/-0.50	
SURR: Toluene-d8	10.0	99.9	81 - 117	7.717	7.7155	0.0015	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	158	79 - 122	10.509	10.50925	-0.0002	+/-0.50	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Sequence: S4K2207
Instrument: VOA No. 10
Calibration: SK40026

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Matrix Spike Dup (BK41471-MSD1)			Lab File ID: V10C08652.D		Analyzed: 11/22/24 00:18			
SURR: 1,2-Dichloroethane-d4	10.0	93.3	69 - 130	5.913	5.91225	0.0008	+/-0.50	
SURR: Toluene-d8	10.0	99.4	81 - 117	7.717	7.7155	0.0015	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	155	79 - 122	10.51	10.50925	0.0008	+/-0.50	*
Trip Blank (24K1288-07)			Lab File ID: V10C08655.D		Analyzed: 11/22/24 01:38			
SURR: 1,2-Dichloroethane-d4	10.0	89.9	69 - 130	5.913	5.91225	0.0008	+/-0.50	
SURR: Toluene-d8	10.0	102	81 - 117	7.717	7.7155	0.0015	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	111	79 - 122	10.509	10.50925	-0.0002	+/-0.50	
Field Blank (24K1288-06)			Lab File ID: V10C08656.D		Analyzed: 11/22/24 02:05			
SURR: 1,2-Dichloroethane-d4	10.0	99.5	69 - 130	5.913	5.91225	0.0008	+/-0.50	
SURR: Toluene-d8	10.0	98.9	81 - 117	7.717	7.7155	0.0015	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	104	79 - 122	10.509	10.50925	-0.0002	+/-0.50	
MW-5R (24K1288-04)			Lab File ID: V10C08657.D		Analyzed: 11/22/24 02:31			
SURR: 1,2-Dichloroethane-d4	10.0	91.1	69 - 130	5.913	5.91225	0.0008	+/-0.50	
SURR: Toluene-d8	10.0	101	81 - 117	7.717	7.7155	0.0015	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	110	79 - 122	10.509	10.50925	-0.0002	+/-0.50	
Dup (24K1288-05)			Lab File ID: V10C08658.D		Analyzed: 11/22/24 02:58			
SURR: 1,2-Dichloroethane-d4	10.0	99.3	69 - 130	5.913	5.91225	0.0008	+/-0.50	
SURR: Toluene-d8	10.0	97.8	81 - 117	7.717	7.7155	0.0015	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	146	79 - 122	10.509	10.50925	-0.0002	+/-0.50	*

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-4R

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Matrix: Water
Batch: BK41471
Laboratory ID: BK41471-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-4R

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	0.00	12.3	123	45 - 161
1,1,1-Trichloroethane	10.0	0.00	13.1	131	70 - 146
1,1,2,2-Tetrachloroethane	10.0	0.00	13.5	135 *	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	0.00	12.5	125	21 - 217
1,1,2-Trichloroethane	10.0	0.00	11.7	117	59 - 146
1,1-Dichloroethane	10.0	0.00	12.8	128	54 - 146
1,1-Dichloroethylene	10.0	0.00	14.4	144	44 - 165
1,2,3-Trichlorobenzene	10.0	0.00	8.41	84.1	40 - 161
1,2,3-Trichloropropane	10.0	0.00	20.6	206 *	74 - 127
1,2,4-Trichlorobenzene	10.0	0.00	9.43	94.3	41 - 161
1,2,4-Trimethylbenzene	10.0	1.57	13.9	123	72 - 129
1,2-Dibromo-3-chloropropane	10.0	0.00	14.5	145	31 - 151
1,2-Dibromoethane	10.0	0.00	11.7	117	75 - 125
1,2-Dichlorobenzene	10.0	0.00	11.4	114	63 - 122
1,2-Dichloroethane	10.0	0.00	11.9	119	68 - 131
1,2-Dichloropropane	10.0	0.00	13.3	133 *	77 - 121
1,3,5-Trimethylbenzene	10.0	0.00	12.6	126	69 - 126
1,3-Dichlorobenzene	10.0	0.00	11.1	111	74 - 119
1,4-Dichlorobenzene	10.0	0.00	11.0	110	70 - 124
1,4-Dioxane	210	0.00	255	121	10 - 310
2-Butanone	10.0	0.00	11.2	112	10 - 193
2-Hexanone	10.0	0.00	10.7	107	53 - 133
4-Methyl-2-pentanone	10.0	0.00	12.6	126	38 - 150
Acetone	10.0	1.65	10.2	85.6	13 - 149
Acrolein	10.0	1.06	13.1	121	10 - 195
Acrylonitrile	10.0	0.00	11.9	119	37 - 165
Benzene	10.0	0.00	13.2	132	38 - 155
Bromochloromethane	10.0	0.00	12.2	122 *	75 - 121
Bromodichloromethane	10.0	0.00	12.5	125	70 - 129
Bromoform	10.0	0.00	11.3	113	66 - 136
Bromomethane	10.0	0.00	7.53	75.3	30 - 158

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-4R

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Matrix: Water
Batch: BK41471
Laboratory ID: BK41471-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-4R

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Carbon disulfide	10.0	0.00	13.5	135	10 - 138
Carbon tetrachloride	10.0	0.00	13.5	135	71 - 146
Chlorobenzene	10.0	0.00	12.5	125 *	81 - 117
Chloroethane	10.0	0.00	12.1	121	51 - 145
Chloroform	10.0	0.00	12.4	124	80 - 124
Chloromethane	10.0	0.00	8.43	84.3	16 - 163
cis-1,2-Dichloroethylene	10.0	0.00	12.6	126 *	76 - 125
cis-1,3-Dichloropropylene	10.0	0.00	11.9	119	58 - 131
Cyclohexane	10.0	0.00	14.0	140 *	70 - 130
Dibromochloromethane	10.0	0.00	11.8	118	71 - 129
Dibromomethane	10.0	0.00	11.6	116	76 - 120
Dichlorodifluoromethane	10.0	0.00	5.02	50.2	30 - 147
Ethyl Benzene	10.0	0.00	13.1	131 *	72 - 128
Hexachlorobutadiene	10.0	0.00	10.1	101	34 - 166
Isopropylbenzene	10.0	6.04	19.3	133	66 - 139
Methyl acetate	10.0	0.00	11.1	111	10 - 200
Methyl tert-butyl ether (MTBE)	10.0	0.00	11.2	112	75 - 128
Methylcyclohexane	10.0	0.00	12.1	121	70 - 130
Methylene chloride	10.0	0.00	12.5	125	57 - 128
n-Butylbenzene	10.0	11.0	22.2	112	61 - 138
n-Propylbenzene	10.0	12.9	25.1	122	66 - 134
o-Xylene	10.0	0.00	12.7	127 *	69 - 126
p- & m- Xylenes	20.0	0.00	25.2	126	67 - 130
p-Isopropyltoluene	10.0	0.00	12.0	120	64 - 137
sec-Butylbenzene	10.0	25.7	38.2	125	53 - 155
Styrene	10.0	0.00	12.2	122	69 - 125
tert-Butyl alcohol (TBA)	50.0	0.00	50.0	99.9	10 - 130
tert-Butylbenzene	10.0	4.66	17.4	128	65 - 139
Tetrachloroethylene	10.0	0.00	6.07	60.7 *	64 - 139
Toluene	10.0	0.00	13.2	132 *	76 - 123
trans-1,2-Dichloroethylene	10.0	0.00	13.4	134 *	79 - 131
trans-1,3-Dichloropropylene	10.0	0.00	11.7	117	55 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-4R

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41471	Laboratory ID:	BK41471-MS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Source Sample Name: MW-4R

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Trichloroethylene	10.0	0.00	12.3	123	53 - 145
Trichlorofluoromethane	10.0	0.00	11.9	119	61 - 142
Vinyl Chloride	10.0	0.00	10.4	104	31 - 165

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-4R

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Matrix: Water
Batch: BK41471
Laboratory ID: BK41471-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-4R

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	12.6	126		2.65	30	45 - 161
1,1,1-Trichloroethane	10.0	13.4	134		2.27	30	70 - 146
1,1,2,2-Tetrachloroethane	10.0	14.1	141	*	4.06	30	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.1	111		11.6	30	21 - 217
1,1,2-Trichloroethane	10.0	12.2	122		4.35	30	59 - 146
1,1-Dichloroethane	10.0	13.2	132		2.54	30	54 - 146
1,1-Dichloroethylene	10.0	14.3	143		0.418	30	44 - 165
1,2,3-Trichlorobenzene	10.0	9.54	95.4		12.6	30	40 - 161
1,2,3-Trichloropropane	10.0	19.2	192	*	7.34	30	74 - 127
1,2,4-Trichlorobenzene	10.0	9.41	94.1		0.212	30	41 - 161
1,2,4-Trimethylbenzene	10.0	13.0	114		6.55	30	72 - 129
1,2-Dibromo-3-chloropropane	10.0	15.1	151		3.72	30	31 - 151
1,2-Dibromoethane	10.0	12.1	121		3.46	30	75 - 125
1,2-Dichlorobenzene	10.0	11.0	110		3.22	30	63 - 122
1,2-Dichloroethane	10.0	12.3	123		3.31	30	68 - 131
1,2-Dichloropropane	10.0	13.6	136	*	2.83	30	77 - 121
1,3,5-Trimethylbenzene	10.0	11.8	118		6.80	30	69 - 126
1,3-Dichlorobenzene	10.0	10.5	105		6.12	30	74 - 119
1,4-Dichlorobenzene	10.0	10.3	103		6.19	30	70 - 124
1,4-Dioxane	210	277	132		8.50	30	10 - 310
2-Butanone	10.0	11.6	116		3.86	30	10 - 193
2-Hexanone	10.0	11.4	114		6.77	30	53 - 133
4-Methyl-2-pentanone	10.0	13.4	134		6.13	30	38 - 150
Acetone	10.0	10.7	90.1		4.31	30	13 - 149
Acrolein	10.0	13.8	128		5.34	30	10 - 195
Acrylonitrile	10.0	12.5	125		4.51	30	37 - 165
Benzene	10.0	13.6	136		3.21	30	38 - 155
Bromochloromethane	10.0	12.6	126	*	3.16	30	75 - 121
Bromodichloromethane	10.0	12.9	129		3.22	30	70 - 129
Bromoform	10.0	12.0	120		5.94	30	66 - 136
Bromomethane	10.0	9.69	96.9		25.1	30	30 - 158
Carbon disulfide	10.0	13.0	130		3.62	30	10 - 138

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-4R

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Matrix: Water
Batch: BK41471
Laboratory ID: BK41471-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-4R

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon tetrachloride	10.0	13.5	135		0.519	30	71 - 146
Chlorobenzene	10.0	12.5	125	*	0.0801	30	81 - 117
Chloroethane	10.0	12.2	122		0.578	30	51 - 145
Chloroform	10.0	12.8	128	*	3.81	30	80 - 124
Chloromethane	10.0	8.38	83.8		0.595	30	16 - 163
cis-1,2-Dichloroethylene	10.0	13.0	130	*	2.81	30	76 - 125
cis-1,3-Dichloropropylene	10.0	12.4	124		3.38	30	58 - 131
Cyclohexane	10.0	13.4	134	*	4.89	30	70 - 130
Dibromochloromethane	10.0	12.4	124		4.81	30	71 - 129
Dibromomethane	10.0	11.9	119		2.39	30	76 - 120
Dichlorodifluoromethane	10.0	4.38	43.8		13.6	30	30 - 147
Ethyl Benzene	10.0	13.0	130	*	1.07	30	72 - 128
Hexachlorobutadiene	10.0	9.32	93.2		8.43	30	34 - 166
Isopropylbenzene	10.0	18.5	124		4.55	30	66 - 139
Methyl acetate	10.0	11.6	116		5.20	30	10 - 200
Methyl tert-butyl ether (MTBE)	10.0	11.8	118		5.13	30	75 - 128
Methylcyclohexane	10.0	10.9	109		10.1	30	70 - 130
Methylene chloride	10.0	12.9	129	*	3.07	30	57 - 128
n-Butylbenzene	10.0	20.3	93.2		8.85	30	61 - 138
n-Propylbenzene	10.0	23.6	107		6.32	30	66 - 134
o-Xylene	10.0	12.7	127	*	0.158	30	69 - 126
p- & m- Xylenes	20.0	24.7	123		2.20	30	67 - 130
p-Isopropyltoluene	10.0	10.9	109		9.18	30	64 - 137
sec-Butylbenzene	10.0	36.2	105		5.45	30	53 - 155
Styrene	10.0	12.2	122		0.327	30	69 - 125
tert-Butyl alcohol (TBA)	50.0	53.9	108		7.66	30	10 - 130
tert-Butylbenzene	10.0	16.7	120		4.45	30	65 - 139
Tetrachloroethylene	10.0	5.62	56.2	*	7.70	30	64 - 139
Toluene	10.0	13.3	133	*	0.681	30	76 - 123
trans-1,2-Dichloroethylene	10.0	13.3	133	*	0.450	30	79 - 131
trans-1,3-Dichloropropylene	10.0	12.2	122		3.85	30	55 - 130
Trichloroethylene	10.0	12.1	121		1.72	30	53 - 145
Trichlorofluoromethane	10.0	11.5	115		3.93	30	61 - 142

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-4R

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41471	Laboratory ID:	BK41471-MSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Source Sample Name: MW-4R

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	10.0	10.4	104	0.288	30	31 - 165

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41471	Laboratory ID:	BK41471-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.0	100	82 - 126
1,1,1-Trichloroethane	10.0	10.0	100	78 - 136
1,1,2,2-Tetrachloroethane	10.0	9.82	98.2	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.5	105	54 - 165
1,1,2-Trichloroethane	10.0	9.79	97.9	82 - 123
1,1-Dichloroethane	10.0	10.0	100	82 - 129
1,1-Dichloroethylene	10.0	10.6	106	68 - 138
1,2,3-Trichlorobenzene	10.0	8.71	87.1	76 - 136
1,2,3-Trichloropropane	10.0	9.90	99.0	77 - 128
1,2,4-Trichlorobenzene	10.0	9.26	92.6	76 - 137
1,2,4-Trimethylbenzene	10.0	10.9	109	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.62	96.2	45 - 147
1,2-Dibromoethane	10.0	9.83	98.3	83 - 124
1,2-Dichlorobenzene	10.0	9.86	98.6	79 - 123
1,2-Dichloroethane	10.0	9.77	97.7	73 - 132
1,2-Dichloropropane	10.0	10.7	107	78 - 126
1,3,5-Trimethylbenzene	10.0	10.9	109	80 - 131
1,3-Dichlorobenzene	10.0	10.0	100	86 - 122
1,4-Dichlorobenzene	10.0	9.87	98.7	85 - 124
1,4-Dioxane	210	189	89.9	10 - 349
2-Butanone	10.0	9.16	91.6	49 - 152
2-Hexanone	10.0	9.31	93.1	51 - 146
4-Methyl-2-pentanone	10.0	10.1	101	57 - 145
Acetone	10.0	7.83	78.3	14 - 150
Acrolein	10.0	9.33	93.3	10 - 153
Acrylonitrile	10.0	10.2	102	51 - 150
Benzene	10.0	10.5	105	85 - 126
Bromochloromethane	10.0	10.1	101	77 - 128
Bromodichloromethane	10.0	10.3	103	79 - 128
Bromoform	10.0	9.35	93.5	78 - 133

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41471	Laboratory ID:	BK41471-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	10.0	6.77	67.7	43 - 168
Carbon disulfide	10.0	9.97	99.7	68 - 146
Carbon tetrachloride	10.0	10.2	102	77 - 141
Chlorobenzene	10.0	10.2	102	88 - 120
Chloroethane	10.0	8.69	86.9	65 - 136
Chloroform	10.0	9.98	99.8	82 - 128
Chloromethane	10.0	5.87	58.7	43 - 155
cis-1,2-Dichloroethylene	10.0	10.3	103	83 - 129
cis-1,3-Dichloropropylene	10.0	10.1	101	80 - 131
Cyclohexane	10.0	10.8	108	63 - 149
Dibromochloromethane	10.0	9.90	99.0	80 - 130
Dibromomethane	10.0	9.67	96.7	72 - 134
Dichlorodifluoromethane	10.0	3.11	31.1 *	44 - 144
Ethyl Benzene	10.0	10.7	107	80 - 131
Hexachlorobutadiene	10.0	9.87	98.7	67 - 146
Isopropylbenzene	10.0	10.9	109	76 - 140
Methyl acetate	10.0	9.13	91.3	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	9.25	92.5	76 - 135
Methylcyclohexane	10.0	10.4	104	72 - 143
Methylene chloride	10.0	11.0	110	55 - 137
n-Butylbenzene	10.0	10.9	109	79 - 132
n-Propylbenzene	10.0	10.8	108	78 - 133
o-Xylene	10.0	10.4	104	78 - 130
p- & m- Xylenes	20.0	21.1	105	77 - 133
p-Isopropyltoluene	10.0	10.8	108	81 - 136
sec-Butylbenzene	10.0	10.7	107	79 - 137
Styrene	10.0	10.5	105	67 - 132
tert-Butyl alcohol (TBA)	50.0	43.8	87.7	25 - 162
tert-Butylbenzene	10.0	10.5	105	77 - 138
Tetrachloroethylene	10.0	5.29	52.9 *	82 - 131

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41471	Laboratory ID:	BK41471-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	10.0	10.7	107	80 - 127
trans-1,2-Dichloroethylene	10.0	10.4	104	80 - 132
trans-1,3-Dichloropropylene	10.0	9.99	99.9	78 - 131
Trichloroethylene	10.0	11.1	111	82 - 128
Trichlorofluoromethane	10.0	8.65	86.5	67 - 139
Vinyl Chloride	10.0	6.82	68.2	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41471	Laboratory ID:	BK41471-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	9.68	96.8	3.55	30	82 - 126
1,1,1-Trichloroethane	10.0	9.29	92.9	7.56	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	9.68	96.8	1.44	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.38	93.8	11.6	30	54 - 165
1,1,2-Trichloroethane	10.0	9.61	96.1	1.86	30	82 - 123
1,1-Dichloroethane	10.0	9.61	96.1	4.08	30	82 - 129
1,1-Dichloroethylene	10.0	9.76	97.6	8.63	30	68 - 138
1,2,3-Trichlorobenzene	10.0	7.96	79.6	9.00	30	76 - 136
1,2,3-Trichloropropane	10.0	9.68	96.8	2.25	30	77 - 128
1,2,4-Trichlorobenzene	10.0	8.99	89.9	2.96	30	76 - 137
1,2,4-Trimethylbenzene	10.0	10.4	104	3.94	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.49	94.9	1.36	30	45 - 147
1,2-Dibromoethane	10.0	9.63	96.3	2.06	30	83 - 124
1,2-Dichlorobenzene	10.0	9.55	95.5	3.19	30	79 - 123
1,2-Dichloroethane	10.0	9.66	96.6	1.13	30	73 - 132
1,2-Dichloropropane	10.0	10.2	102	4.21	30	78 - 126
1,3,5-Trimethylbenzene	10.0	10.4	104	4.97	30	80 - 131
1,3-Dichlorobenzene	10.0	9.70	97.0	3.25	30	86 - 122
1,4-Dichlorobenzene	10.0	9.62	96.2	2.57	30	85 - 124
1,4-Dioxane	210	226	108	18.1	30	10 - 349
2-Butanone	10.0	9.33	93.3	1.84	30	49 - 152
2-Hexanone	10.0	9.54	95.4	2.44	30	51 - 146
4-Methyl-2-pentanone	10.0	9.92	99.2	1.50	30	57 - 145
Acetone	10.0	8.07	80.7	3.02	30	14 - 150
Acrolein	10.0	8.18	81.8	13.1	30	10 - 153
Acrylonitrile	10.0	10.0	100	1.68	30	51 - 150
Benzene	10.0	10.1	101	3.98	30	85 - 126
Bromochloromethane	10.0	9.86	98.6	2.01	30	77 - 128
Bromodichloromethane	10.0	10.0	100	2.56	30	79 - 128
Bromoform	10.0	9.58	95.8	2.43	30	78 - 133

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41471	Laboratory ID:	BK41471-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	10.0	7.85	78.5		14.8	30	43 - 168
Carbon disulfide	10.0	9.21	92.1		7.92	30	68 - 146
Carbon tetrachloride	10.0	9.36	93.6		8.20	30	77 - 141
Chlorobenzene	10.0	9.84	98.4		3.69	30	88 - 120
Chloroethane	10.0	8.13	81.3		6.66	30	65 - 136
Chloroform	10.0	9.63	96.3		3.57	30	82 - 128
Chloromethane	10.0	5.12	51.2		13.6	30	43 - 155
cis-1,2-Dichloroethylene	10.0	9.91	99.1		3.76	30	83 - 129
cis-1,3-Dichloropropylene	10.0	9.90	99.0		1.60	30	80 - 131
Cyclohexane	10.0	9.64	96.4		11.0	30	63 - 149
Dibromochloromethane	10.0	9.70	97.0		2.04	30	80 - 130
Dibromomethane	10.0	9.42	94.2		2.62	30	72 - 134
Dichlorodifluoromethane	10.0	2.68	26.8	*	14.9	30	44 - 144
Ethyl Benzene	10.0	10.2	102		4.96	30	80 - 131
Hexachlorobutadiene	10.0	9.46	94.6		4.24	30	67 - 146
Isopropylbenzene	10.0	10.2	102		6.06	30	76 - 140
Methyl acetate	10.0	9.19	91.9		0.655	30	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	9.22	92.2		0.325	30	76 - 135
Methylcyclohexane	10.0	9.62	96.2		8.18	30	72 - 143
Methylene chloride	10.0	10.8	108		1.74	30	55 - 137
n-Butylbenzene	10.0	10.4	104		4.88	30	79 - 132
n-Propylbenzene	10.0	10.3	103		5.50	30	78 - 133
o-Xylene	10.0	10.0	100		3.71	30	78 - 130
p- & m- Xylenes	20.0	20.1	100		4.86	30	77 - 133
p-Isopropyltoluene	10.0	10.3	103		5.01	30	81 - 136
sec-Butylbenzene	10.0	10.2	102		5.08	30	79 - 137
Styrene	10.0	10.1	101		3.21	30	67 - 132
tert-Butyl alcohol (TBA)	50.0	47.8	95.5		8.54	30	25 - 162
tert-Butylbenzene	10.0	9.93	99.3		5.29	30	77 - 138
Tetrachloroethylene	10.0	4.88	48.8	*	8.06	30	82 - 131

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41471	Laboratory ID:	BK41471-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	10.0	10.1	101	5.28	30	80 - 127
trans-1,2-Dichloroethylene	10.0	9.87	98.7	5.33	30	80 - 132
trans-1,3-Dichloropropylene	10.0	9.96	99.6	0.301	30	78 - 131
Trichloroethylene	10.0	10.4	104	5.95	30	82 - 128
Trichlorofluoromethane	10.0	7.74	77.4	11.1	30	67 - 139
Vinyl Chloride	10.0	6.33	63.3	7.45	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24K1288
Client:	HRP Associates, Inc.			Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water	Laboratory ID:	BK41471-BLK1	File ID:	V10C08646.D
Prepared:	11/21/24 15:35	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	11/21/24 21:40	Instrument:	VOA No. 10		
Batch:	BK41471	Sequence:	S4K2207	Calibration:	SK40026

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.310	J
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
123-91-1	1,4-Dioxane	80.0	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.720	
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24K1288
Client:	HRP Associates, Inc.			Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water	Laboratory ID:	BK41471-BLK1	File ID:	V10C08646.D
Prepared:	11/21/24 15:35	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	11/21/24 21:40	Instrument:	VOA No. 10		
Batch:	BK41471	Sequence:	S4K2207	Calibration:	SK40026

CAS NO.	COMPOUND	CONC. (ug/L)	Q
74-83-9	Bromomethane	0.500	U
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	0.620	J
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	24K1288
Client:	HRP Associates, Inc.			Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water	Laboratory ID:	BK41471-BLK1	File ID:	V10C08646.D
Prepared:	11/21/24 15:35	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	11/21/24 21:40	Instrument:	VOA No. 10		
Batch:	BK41471	Sequence:	S4K2207	Calibration:	SK40026

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.58	95.8	69 - 130	
SURR: p-Bromofluorobenzene	10.0	10.7	107	79 - 122	
SURR: Toluene-d8	10.0	10.0	100	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	269414	12.241	308778	12.241	
ISTD: Chlorobenzene-d5	842068	9.235	879401	9.235	
ISTD: Fluorobenzene	233426	6.187	237107	6.187	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Calibration: SK40026
Instrument: VOA No. 10
Calibration Date: 11/18/24 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2556377	6.588001	9.35325	3.839756E-02			20	
1,1,1-Trichloroethane	1.821323	7.108257	5.559	5.786728E-03			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.3542677	4.783077	10.70538	1.861533E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.8717245	11.44836	3.328	6.845248E-03			SPCC (0.1)	
1,1,2-Trichloroethane	0.1544914	6.851494	8.2525	2.778049E-02			SPCC (0.1)	
1,1-Dichloroethane	2.111874	5.802709	4.55675	6.799544E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.498838	9.37846	3.366125	9.151143E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.573179	7.947161	5.71025	4.897626E-02			20	
1,2,3-Trichlorobenzene	0.1128371	14.53465	14.66775	5.266174E-03			20	
1,2,3-Trichloropropane	0.1140816	5.162134	10.7575	3.013737E-02			20	
1,2,3-Trimethylbenzene	2.840013	5.09302	11.848	2.746582E-02			20	
1,2,4,5-Tetramethylbenzene	1.742094	5.360479	13.033	1.581661E-02			20	
1,2,4-Trichlorobenzene	0.2537993	9.226508	14.09175	2.822706E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	3.159076	4.870124	11.357	0.0178595			20	
1,2-Dibromo-3-chloropropane	3.922985E-02	9.849705	13.19275	7.206427E-03			SPCC (0.05)	
1,2-Dibromoethane	0.1385855	6.638774	8.79525	1.905606E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.067984	4.892599	12.265	1.605939E-02			SPCC (0.4)	
1,2-Dichloroethane	1.099754	6.881617	5.986	2.149577E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2936676	5.588095	6.77925	3.120435E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	3.332836	5.72631	10.92625	2.655954E-02			20	
1,3-Dichlorobenzene	1.436827	4.99926	11.72525	3.261696E-02			SPCC (0.6)	
1,3-Dichloropropane	0.2868725	7.017162	8.422	3.987361E-02			20	
1,4-Dichlorobenzene	1.392986	4.638245	11.8275	1.840625E-02			SPCC (0.5)	
1,4-Dioxane	1.086713E-03	17.66412	6.912875	4.505773E-02		0.9943394	0.99	
2,2-Dichloropropane	1.710455	6.932803	5.0855	0.055752			20	
2-Butanone	5.284164E-02	18.79581	5.13475	0.1123878		0.9975491	SPCC (0.1)	
2-Chlorotoluene	3.460577	4.598306	10.8735	2.531803E-02			20	
2-Hexanone	6.259319E-02	9.161664	8.45575	2.250179E-02			SPCC (0.1)	
4-Chlorotoluene	2.944746	4.55939	10.99775	2.455426E-02			20	
4-Methyl-2-pentanone	9.156071E-02	7.659324	7.607125	2.703421E-02			SPCC (0.1)	
Acetone	0.1789769	39.58398	3.4695	7.923401E-02		0.9931577	SPCC (0.1)	
Acrolein	7.143129E-02	60.18581	3.315125	0.1233302		0.9995308	0.99	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Calibration: SK40026
Instrument: VOA No. 10
Calibration Date: 11/18/24 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acrylonitrile	0.1208163	10.13511	4.178875	0.1114619			20	
Allyl chloride	1.587093	6.308446	3.748875	9.800658E-03			20	
Benzene	4.788052	5.947651	5.925	2.357405E-02			SPCC (0.5)	
Bromobenzene	1.368906	3.960275	10.686	1.823744E-02			20	
Bromochloromethane	0.7270373	6.633817	5.36325	4.376567E-02			20	
Bromodichloromethane	0.3554332	6.179834	7.0605	4.360447E-02			SPCC (0.2)	
Bromoform	7.783878E-02	12.24764	10.208	0.0257271			SPCC (0.1)	
Bromomethane	0.310082	19.91402	2.45075	8.513193E-02		0.9997942	SPCC (0.1)	
Carbon disulfide	2.883136	19.18711	3.602	1.752739E-02		0.9996408	SPCC (0.1)	
Carbon tetrachloride	1.480943	7.895881	5.703125	0.0591068			SPCC (0.1)	
Chlorobenzene	0.8346039	5.261196	9.266	0.019281			SPCC (0.5)	
Chloroethane	0.7798795	8.40963	2.56	1.490594E-02			SPCC (0.1)	
Chloroform	2.030629	5.556998	5.4235	5.315411E-02			SPCC (0.2)	
Chloromethane	0.6887703	7.530432	1.953	0.1642969			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.841386	5.438989	5.1155	5.407004E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.4249489	6.875219	7.480375	3.390826E-02			SPCC (0.2)	
Cyclohexane	1.915926	9.625879	5.57175	3.397069E-02			SPCC (0.1)	
Dibromochloromethane	0.178312	7.932202	8.668	2.382502E-02			SPCC (0.1)	
Dibromomethane	0.1109555	5.550728	6.925	6.908534E-03			20	
Dichlorodifluoromethane	0.6891304	13.07138	1.7325	0.1601071			SPCC (0.1)	
Diisopropyl ether (DIPE)	2.943869	6.75856	4.52525	6.888895E-02			20	
Ethyl Benzene	1.602408	5.328849	9.33975	2.944689E-02			SPCC (0.1)	
Ethyl Ether	0.5255583	8.014444	3.110125	9.859325E-02			20	
Ethyl tert-butyl ether (ETBE)	2.542365	8.340737	4.87	2.106521E-02			20	
Freon 115	8.014901E-02	21.71576	1.563	0.0139079		0.9968545	0.99	
Freon 123	1.492517	10.64174	3.23	1.829531E-02			20	
Freon 152a	0.9361467	11.70947	1.70675	0.124359			20	
Freon 22	1.209752	12.52745	1.761	1.439341E-02			20	
Hexachlorobutadiene	0.1765213	16.32227	14.2265	1.912035E-02		0.9995909	0.99	
Iodomethane	0.5264464	34.24535	3.55275	0.0679164		0.9981378	0.99	
Isopropylbenzene	4.491841	5.624433	10.284	1.368717E-02			SPCC (0.1)	
Methyl acetate	0.3913821	8.859329	4.0885	0.1037675			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Calibration: SK40026
Instrument: VOA No. 10
Calibration Date: 11/18/24 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Methyl Methacrylate	0.087597	7.241359	6.833	8.751124E-03			20	
Methyl tert-butyl ether (MTBE)	1.838819	9.377934	4.08925	5.400539E-02			SPCC (0.1)	
Methylcyclohexane	0.533834	9.512887	6.661375	3.918174E-02			SPCC (0.1)	
Methylene chloride	1.286373	8.214617	3.895	1.788808E-02			SPCC (0.1)	
Naphthalene	0.3713435	12.00968	14.39375	1.026701E-02			20	
n-Butylbenzene	3.05428	5.832206	12.165	1.826879E-02			20	
n-Propylbenzene	5.271998	5.719607	10.74025	0.024919			20	
o-Xylene	1.239207	5.566761	9.90075	2.554888E-02			SPCC (0.3)	
p- & m- Xylenes	1.253723	6.192937	9.461	0.0101609			SPCC (0.1)	
p-Diethylbenzene	1.620476	5.466123	12.134	0.0295785			20	
p-Ethyltoluene	4.162123	5.155755	10.863	1.075752E-02			20	
p-Isopropyltoluene	3.198215	6.050959	11.69425	1.558889E-02			20	
sec-Butylbenzene	4.01191	6.345629	11.53925	0.0225762			20	
Styrene	0.8906222	7.608088	9.93	1.478482E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	0.9794949	3.384554	5.91225	3.381857E-02			20	
SURR: p-Bromofluorobenzene	1.392357	1.880165	10.50925	1.416304E-02			20	
SURR: Toluene-d8	1.388568	0.9128515	7.7155	3.825897E-02			20	
tert-Amyl alcohol (TAA)	2.904807E-02	10.50661	5.92275	5.385701E-02			20	
tert-Amyl methyl ether (TAME)	2.344183	8.571572	5.961	4.586513E-02			20	
tert-Butyl alcohol (TBA)	3.173331E-02	11.47406	3.998625	9.858087E-03			20	
tert-Butylbenzene	2.920677	5.372996	11.296	1.787623E-02			20	
Tetrachloroethylene	0.6252343	5.142082	8.32925	0.0297306			SPCC (0.2)	
Tetrahydrofuran	0.04037	13.56371	5.37975	8.222093E-02			20	
Toluene	1.416145	5.501883	7.784	1.697481E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	1.581354	6.974371	4.126875	1.043774E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.3101439	7.640708	8.047375	3.070338E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.4304209	5.259786	10.75675	3.206016E-02			20	
Trichloroethylene	0.3432923	5.541181	6.528625	1.388732E-02			SPCC (0.2)	
Trichlorofluoromethane	1.503877	9.137443	2.8145	9.798289E-02			SPCC (0.1)	
Vinyl acetate	4.603392E-02	17.75225	4.57875	4.409864E-02		0.9997328	0.99	
Vinyl Chloride	1.100569	7.604482	2.07125	0.1041872			SPCC (0.1)	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Instrument ID:	VOA No. 10	Calibration:	SK40026
Lab File ID:	V10C08641.D	Calibration Date:	11/18/24 07:00
Sequence:	S4K2207	Injection Date:	11/21/24
Lab Sample ID:	S4K2207-CCV1	Injection Time:	19:27

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	10.0	10.4	0.2556377	0.2645278		3.5	20
1,1,1-Trichloroethane	A	10.0	9.62	1.821323	1.751745	0.1	-3.8	20
1,1,2,2-Tetrachloroethane	A	10.0	10.2	0.3542677	0.360573	0.3	1.8	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.26	0.8717245	0.8067961	0.1	-7.4	20
1,1,2-Trichloroethane	A	10.0	10.5	0.1544914	0.1626152	0.1	5.3	20
1,1-Dichloroethane	A	10.0	10.3	2.111874	2.18441	0.2	3.4	20
1,1-Dichloroethylene	A	10.0	9.70	1.498838	1.453479	0.1	-3.0	20
1,2,3-Trichlorobenzene	A	10.0	8.67	0.1128371	9.779194E-02		-13.3	20
1,2,3-Trichloropropane	A	10.0	10.3	0.1140816	0.1170712		2.6	20
1,2,4-Trichlorobenzene	A	10.0	9.47	0.2537993	0.2404673	0.2	-5.3	20
1,2,4-Trimethylbenzene	A	10.0	10.2	3.159076	3.216971		1.8	20
1,2-Dibromo-3-chloropropane	A	10.0	10.1	3.922985E-02	3.976967E-02	0.05	1.4	20
1,2-Dibromoethane	A	10.0	10.4	0.1385855	0.1436068	0.1	3.6	20
1,2-Dichlorobenzene	A	10.0	10.0	1.067984	1.071456	0.4	0.3	20
1,2-Dichloroethane	A	10.0	10.3	1.099754	1.136441	0.1	3.3	20
1,2-Dichloropropane	A	10.0	10.7	0.2936676	0.3149894	0.1	7.3	20
1,3,5-Trimethylbenzene	A	10.0	10.1	3.332836	3.375367		1.3	20
1,3-Dichlorobenzene	A	10.0	10.0	1.436827	1.441528	0.6	0.3	20
1,4-Dichlorobenzene	A	10.0	10.0	1.392986	1.393227	0.5	0.02	20
1,4-Dioxane	A	200	226	1.086713E-03	1.077722E-03		12.9	20
2-Butanone	A	10.0	10.5	5.284164E-02	5.855162E-02	0.1	5.2	20
2-Hexanone	A	10.0	11.2	6.259319E-02	6.998855E-02	0.1	11.8	20
4-Methyl-2-pentanone	A	10.0	11.0	9.156071E-02	0.1010722	0.1	10.4	20
Acetone	A	10.0	11.7	0.1789769	0.1534792	0.1	16.7	20
Acrolein	A	10.0	9.59	7.143129E-02	4.923094E-02		-4.1	20
Acrylonitrile	A	10.0	11.1	0.1208163	0.1339311		10.9	20
Benzene	A	10.0	10.3	4.788052	4.92411	0.5	2.8	20
Bromochloromethane	A	10.0	10.8	0.7270373	0.7842493		7.9	20
Bromodichloromethane	A	10.0	10.6	0.3554332	0.3749632	0.2	5.5	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Instrument ID:	VOA No. 10	Calibration:	SK40026
Lab File ID:	V10C08641.D	Calibration Date:	11/18/24 07:00
Sequence:	S4K2207	Injection Date:	11/21/24
Lab Sample ID:	S4K2207-CCV1	Injection Time:	19:27

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	10.0	10.2	7.783878E-02	7.914478E-02	0.1	1.7	20	
Bromomethane	A	10.0	5.96	0.310082	0.1766502	0.1	-40.4	20	*
Carbon disulfide	A	10.0	9.29	2.883136	2.535632	0.1	-7.1	20	
Carbon tetrachloride	A	10.0	9.44	1.480943	1.397926	0.1	-5.6	20	
Chlorobenzene	A	10.0	10.2	0.8346039	0.8546533	0.5	2.4	20	
Chloroethane	A	10.0	9.19	0.7798795	0.7164951	0.1	-8.1	20	
Chloroform	A	10.0	10.4	2.030629	2.102426	0.2	3.5	20	
Chloromethane	A	10.0	7.64	0.6887703	0.5263151	0.1	-23.6	20	*
cis-1,2-Dichloroethylene	A	10.0	10.5	1.841386	1.925949	0.1	4.6	20	
cis-1,3-Dichloropropylene	A	10.0	10.8	0.4249489	0.4593115	0.2	8.1	20	
Cyclohexane	A	10.0	9.78	1.915926	1.873416	0.1	-2.2	20	
Dibromochloromethane	A	10.0	10.3	0.178312	0.1844449	0.1	3.4	20	
Dibromomethane	A	10.0	10.4	0.1109555	0.1156844		4.3	20	
Dichlorodifluoromethane	A	10.0	5.94	0.6891304	0.4096589	0.1	-40.6	20	*
Ethyl Benzene	A	10.0	10.3	1.602408	1.65252	0.1	3.1	20	
Hexachlorobutadiene	A	10.0	8.97	0.1765213	0.1470636		-10.3	20	
Isopropylbenzene	A	10.0	9.94	4.491841	4.462983	0.1	-0.6	20	
Methyl acetate	A	10.0	10.3	0.3913821	0.4041467	0.1	3.3	20	
Methyl tert-butyl ether (MTBE)	A	10.0	10.4	1.838819	1.913486	0.1	4.1	20	
Methylcyclohexane	A	10.0	9.85	0.533834	0.5259262	0.1	-1.5	20	
Methylene chloride	A	10.0	11.6	1.286373	1.489754	0.1	15.8	20	
n-Butylbenzene	A	10.0	10.1	3.05428	3.077755		0.8	20	
n-Propylbenzene	A	10.0	10.0	5.271998	5.291902		0.4	20	
o-Xylene	A	10.0	10.4	1.239207	1.289971	0.3	4.1	20	
p- & m- Xylenes	A	20.0	20.7	1.253723	1.296955	0.1	3.4	20	
p-Isopropyltoluene	A	10.0	9.93	3.198215	3.176107		-0.7	20	
sec-Butylbenzene	A	10.0	9.83	4.01191	3.942211		-1.7	20	
Styrene	A	10.0	10.5	0.8906222	0.9376246	0.3	5.3	20	
tert-Butyl alcohol (TBA)	A	50.0	54.1	3.173331E-02	3.434821E-02		8.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Instrument ID:	VOA No. 10	Calibration:	SK40026
Lab File ID:	V10C08641.D	Calibration Date:	11/18/24 07:00
Sequence:	S4K2207	Injection Date:	11/21/24
Lab Sample ID:	S4K2207-CCV1	Injection Time:	19:27

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
tert-Butylbenzene	A	10.0	9.78	2.920677	2.857302		-2.2	20
Tetrachloroethylene	A	10.0	9.91	0.6252343	0.6197821	0.2	-0.9	20
Toluene	A	10.0	10.2	1.416145	1.450318	0.4	2.4	20
trans-1,2-Dichloroethylene	A	10.0	10.2	1.581354	1.611471	0.1	1.9	20
trans-1,3-Dichloropropylene	A	10.0	10.7	0.3101439	0.3323171	0.1	7.1	20
Trichloroethylene	A	10.0	10.5	0.3432923	0.3592889	0.2	4.7	20
Trichlorofluoromethane	A	10.0	8.62	1.503877	1.296065	0.1	-13.8	20
Vinyl Chloride	A	10.0	8.04	1.100569	0.8847482	0.1	-19.6	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D Semi-Volatiles Data
for York Analytical Laboratories, Inc., SDG: 24K1288

4 Ground Water Samples and 1 Field Duplicate
Collected November 15, 2024

Prepared by: Donald Anné
January 9, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for applicable compounds were above the method minimums, as required.

The average RRFs for target compounds were above the allowable minimum (0.010), as required.

The %RSD for 2,4-dinitrophenol was above the allowable maximum (30%) for MSBNA9 on 11-01-24. Positive results for 2,4-dinitrophenol should be considered estimated (J) in associated samples.

Continuing Calibration: The RRFs for applicable compounds were above the method minimums, as required. The %Ds for 2,4-dinitrophenol and 4,6-dinitro-2-methlphenol were above the method maximum on 11-22-24 (E900324033.D). The %Ds for 2,4-dinitrophenol and hexachlorocyclopentadiene were above the method maximum on 11-25-24 (E900324100.D). No action is taken when fewer than 20% of the compounds per calibration do not meet either method %D or RRF criteria, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 2,4-dinitrophenol, 4,6-dinitro-2-methlphenol, benzidine, and pyridine were above the allowable maximum (20%) on 11-22-24 (E900324033.D). The %Ds for 2,4-dinitrophenol, hexachlorocyclopentadiene, benzidine, and pyridine were above the allowable maximum (20%) on 11-25-24 (E900324100.D). Positive results for these compounds should be considered estimated (J) in associated samples.

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Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: One of three acid extractable surrogate recoveries for samples Dup and MW-4R was below control limits, but not below 10%. One of three base/neutral surrogate recoveries for sample MW-5R was below control limits, but not below 10%. No action is taken on one surrogate recovery per fraction outside control limits, provided no recovery is less than 10%.

Two of three base/neutral surrogate recoveries for sample MW-4R were below control limits, but not below 10%. Positive results for base/neutral compounds should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in sample MW-4R.

One of three base/neutral surrogate recoveries for MW-3R was below control limits and below 10%. Positive results for base/neutral compounds should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (UJ) in sample MW-3R.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum; 2 of 2 percent recoveries (%Rs) for caprolactam and 1 of 2 %Rs for 4-nitrophenol, hexachlorocyclopentadiene, and pyridine were below QC limits and below 10% for aqueous MS/MSD sample MW-4R. The "not detected" results for caprolactam, 4-nitrophenol, hexachlorocyclopentadiene, and pyridine should be considered rejected, unusable (R) in sample MW-4R.

Laboratory Control Sample: The relative percent differences (RPDs) for 46 compounds (highlighted yellow on attached FORM III) were above the allowable maximum for aqueous samples BK41436-BS1. The positive results for these compounds should be considered estimated (J) in associated aqueous samples.

Two of two %Rs for benzoic acid and pyridine and 1 of 2 %Rs for 4-nitrophenol and caprolactam were below QC limits and below 30% for aqueous samples BK41436-BS1. The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for benzoic acid and hexachlorocyclopentadiene and 1 of 2 %Rs for pyridine were below QC limits and below 30% for aqueous samples BK41529-BS1. The positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

One of two percent recoveries (%Rs) for aniline was below QC limits, but not below 30% for aqueous samples BK41529-BS1. The positive results for aniline should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Field Duplicates: The analyses of aqueous field duplicate pair MW-3R/Dup reported target compounds as not detected or below the lowest standard in one or both samples; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compound and surrogate results were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Sequence: S4K2230
Instrument: MSBNA9
Calibration: SK40007

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S4K2230-CCV1)			Lab File ID: E900324033.D		Analyzed: 11/22/24 09:20			
SURR: 2-Fluorophenol	30.0	81.0	0 - 200	4.371	4.3425	0.0285	+/-1.00	
SURR: Phenol-d6	30.0	85.3	0 - 200	5.15	5.114	0.0360	+/-1.00	
SURR: Nitrobenzene-d5	30.0	88.4	0 - 200	5.888	5.888	0.0000	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	88.9	0 - 200	7.521	7.520375	0.0006	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	108	0 - 200	9.457	9.445	0.0120	+/-1.00	
SURR: Terphenyl-d14	30.0	86.2	0 - 200	12.856	12.8525	0.0035	+/-1.00	
Dup (24K1288-05)			Lab File ID: E900324038.D		Analyzed: 11/22/24 11:53			
SURR: 2-Fluorophenol	50.0	19.3	19.7 - 63.1	4.372	4.3425	0.0295	+/-1.00	*
SURR: Phenol-d6	50.0	11.9	10.1 - 41.7	5.156	5.114	0.0420	+/-1.00	
SURR: Nitrobenzene-d5	25.0	52.8	50.2 - 113	5.888	5.888	0.0000	+/-1.00	
SURR: 2-Fluorobiphenyl	25.0	44.0	39.9 - 105	7.516	7.520375	-0.0044	+/-1.00	
SURR: 2,4,6-Tribromophenol	50.0	62.3	39.3 - 151	9.451	9.445	0.0060	+/-1.00	
SURR: Terphenyl-d14	25.0	53.0	30.7 - 106	12.856	12.8525	0.0035	+/-1.00	
LCS (BK41529-BS1)			Lab File ID: E900324045.D		Analyzed: 11/22/24 15:29			
SURR: 2-Fluorophenol	50.0	22.0	19.7 - 63.1	4.372	4.3425	0.0295	+/-1.00	
SURR: Phenol-d6	50.0	13.9	10.1 - 41.7	5.15	5.114	0.0360	+/-1.00	
SURR: Nitrobenzene-d5	25.0	47.4	50.2 - 113	5.888	5.888	0.0000	+/-1.00	*
SURR: 2-Fluorobiphenyl	25.0	37.1	39.9 - 105	7.516	7.520375	-0.0044	+/-1.00	*
SURR: 2,4,6-Tribromophenol	50.0	68.6	39.3 - 151	9.451	9.445	0.0060	+/-1.00	
SURR: Terphenyl-d14	25.0	55.3	30.7 - 106	12.851	12.8525	-0.0015	+/-1.00	
LCS Dup (BK41529-BSD1)			Lab File ID: E900324046.D		Analyzed: 11/22/24 15:59			
SURR: 2-Fluorophenol	50.0	21.5	19.7 - 63.1	4.372	4.3425	0.0295	+/-1.00	
SURR: Phenol-d6	50.0	13.8	10.1 - 41.7	5.15	5.114	0.0360	+/-1.00	
SURR: Nitrobenzene-d5	25.0	48.4	50.2 - 113	5.888	5.888	0.0000	+/-1.00	*
SURR: 2-Fluorobiphenyl	25.0	39.5	39.9 - 105	7.516	7.520375	-0.0044	+/-1.00	*
SURR: 2,4,6-Tribromophenol	50.0	71.2	39.3 - 151	9.451	9.445	0.0060	+/-1.00	
SURR: Terphenyl-d14	25.0	57.2	30.7 - 106	12.857	12.8525	0.0045	+/-1.00	
MW-1R (24K1288-01)			Lab File ID: E900324049.D		Analyzed: 11/22/24 17:27			
SURR: 2-Fluorophenol	50.0	24.2	19.7 - 63.1	4.371	4.3425	0.0285	+/-1.00	
SURR: Phenol-d6	50.0	15.4	10.1 - 41.7	5.15	5.114	0.0360	+/-1.00	
SURR: Nitrobenzene-d5	25.0	53.3	50.2 - 113	5.888	5.888	0.0000	+/-1.00	
SURR: 2-Fluorobiphenyl	25.0	42.3	39.9 - 105	7.515	7.520375	-0.0054	+/-1.00	
SURR: 2,4,6-Tribromophenol	50.0	77.2	39.3 - 151	9.451	9.445	0.0060	+/-1.00	
SURR: Terphenyl-d14	25.0	67.4	30.7 - 106	12.851	12.8525	-0.0015	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Sequence: S4K2230
Instrument: MSBNA9
Calibration: SK40007

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-3R (24K1288-02)			Lab File ID: E900324050.D		Analyzed: 11/22/24 17:57			
SURR: 2-Fluorophenol	50.0	24.3	19.7 - 63.1	4.371	4.3425	0.0285	+/-1.00	
SURR: Phenol-d6	50.0	16.4	10.1 - 41.7	5.15	5.114	0.0360	+/-1.00	
SURR: Nitrobenzene-d5	25.0	3.68	50.2 - 113	6.208	5.888	0.3200	+/-1.00	*
SURR: 2-Fluorobiphenyl	25.0	57.4	39.9 - 105	7.516	7.520375	-0.0044	+/-1.00	
SURR: 2,4,6-Tribromophenol	50.0	91.0	39.3 - 151	9.451	9.445	0.0060	+/-1.00	
SURR: Terphenyl-d14	25.0	81.0	30.7 - 106	12.856	12.8525	0.0035	+/-1.00	
MW-4R (24K1288-03)			Lab File ID: E900324051.D		Analyzed: 11/22/24 18:26			
SURR: 2-Fluorophenol	50.0	17.1	19.7 - 63.1	4.372	4.3425	0.0295	+/-1.00	*
SURR: Phenol-d6	50.0	11.6	10.1 - 41.7	5.15	5.114	0.0360	+/-1.00	
SURR: Nitrobenzene-d5	25.0	45.2	50.2 - 113	5.888	5.888	0.0000	+/-1.00	*
SURR: 2-Fluorobiphenyl	25.0	37.6	39.9 - 105	7.516	7.520375	-0.0044	+/-1.00	*
SURR: 2,4,6-Tribromophenol	50.0	58.1	39.3 - 151	9.451	9.445	0.0060	+/-1.00	
SURR: Terphenyl-d14	25.0	56.9	30.7 - 106	12.851	12.8525	-0.0015	+/-1.00	
Matrix Spike (BK41529-MS1)			Lab File ID: E900324052.D		Analyzed: 11/22/24 18:55			
SURR: 2-Fluorophenol	50.0	20.6	19.7 - 63.1	4.372	4.3425	0.0295	+/-1.00	
SURR: Phenol-d6	50.0	14.0	10.1 - 41.7	5.15	5.114	0.0360	+/-1.00	
SURR: Nitrobenzene-d5	25.0	47.2	50.2 - 113	5.888	5.888	0.0000	+/-1.00	*
SURR: 2-Fluorobiphenyl	25.0	40.2	39.9 - 105	7.516	7.520375	-0.0044	+/-1.00	
SURR: 2,4,6-Tribromophenol	50.0	70.0	39.3 - 151	9.451	9.445	0.0060	+/-1.00	
SURR: Terphenyl-d14	25.0	57.3	30.7 - 106	12.856	12.8525	0.0035	+/-1.00	
Matrix Spike Dup (BK41529-MSD1)			Lab File ID: E900324053.D		Analyzed: 11/22/24 19:25			
SURR: 2-Fluorophenol	50.0	25.2	19.7 - 63.1	4.372	4.3425	0.0295	+/-1.00	
SURR: Phenol-d6	50.0	17.1	10.1 - 41.7	5.15	5.114	0.0360	+/-1.00	
SURR: Nitrobenzene-d5	25.0	56.1	50.2 - 113	5.888	5.888	0.0000	+/-1.00	
SURR: 2-Fluorobiphenyl	25.0	46.2	39.9 - 105	7.516	7.520375	-0.0044	+/-1.00	
SURR: 2,4,6-Tribromophenol	50.0	85.1	39.3 - 151	9.451	9.445	0.0060	+/-1.00	
SURR: Terphenyl-d14	25.0	71.5	30.7 - 106	12.851	12.8525	-0.0015	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Sequence: S4K2548
Instrument: MSBNA9
Calibration: SK40007

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S4K2548-CCV1)			Lab File ID: E900324100.D		Analyzed: 11/25/24 09:06			
SURR: 2-Fluorophenol	30.0	85.2	0 - 200	4.366	4.3425	0.0235	+/-1.00	
SURR: Phenol-d6	30.0	88.2	0 - 200	5.144	5.114	0.0300	+/-1.00	
SURR: Nitrobenzene-d5	30.0	91.6	0 - 200	5.883	5.888	-0.0050	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	86.6	0 - 200	7.516	7.520375	-0.0044	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	93.7	0 - 200	9.451	9.445	0.0060	+/-1.00	
SURR: Terphenyl-d14	30.0	90.6	0 - 200	12.851	12.8525	-0.0015	+/-1.00	
MW-5R (24K1288-04)			Lab File ID: E900324101.D		Analyzed: 11/25/24 09:54			
SURR: 2-Fluorophenol	50.0	21.1	19.7 - 63.1	4.366	4.3425	0.0235	+/-1.00	
SURR: Phenol-d6	50.0	11.8	10.1 - 41.7	5.144	5.114	0.0300	+/-1.00	
SURR: Nitrobenzene-d5	25.0	46.4	50.2 - 113	5.888	5.888	0.0000	+/-1.00	*
SURR: 2-Fluorobiphenyl	25.0	40.8	39.9 - 105	7.516	7.520375	-0.0044	+/-1.00	
SURR: 2,4,6-Tribromophenol	50.0	50.9	39.3 - 151	9.451	9.445	0.0060	+/-1.00	
SURR: Terphenyl-d14	25.0	51.3	30.7 - 106	12.851	12.8525	-0.0015	+/-1.00	
Blank (BK41529-BLK1)			Lab File ID: E900324104.D		Analyzed: 11/25/24 11:22			
SURR: 2-Fluorophenol	50.0	25.3	19.7 - 63.1	4.366	4.3425	0.0235	+/-1.00	
SURR: Phenol-d6	50.0	15.6	10.1 - 41.7	5.145	5.114	0.0310	+/-1.00	
SURR: Nitrobenzene-d5	25.0	51.5	50.2 - 113	5.888	5.888	0.0000	+/-1.00	
SURR: 2-Fluorobiphenyl	25.0	21.8	39.9 - 105	7.516	7.520375	-0.0044	+/-1.00	*
SURR: 2,4,6-Tribromophenol	50.0	65.3	39.3 - 151	9.451	9.445	0.0060	+/-1.00	
SURR: Terphenyl-d14	25.0	69.8	30.7 - 106	12.851	12.8525	-0.0015	+/-1.00	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270D

MW-4R

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41529	Laboratory ID:	BK41529-MS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Source Sample Name: MW-4R

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1-Biphenyl	25.0	ND	10.6	42.3	26 - 79
1,2,4,5-Tetrachlorobenzene	25.0	ND	10.6	42.4	33 - 90
1,2-Diphenylhydrazine (as Azobenzene)	25.0	ND	13.6	54.2	21 - 107
2,3,4,6-Tetrachlorophenol	25.0	ND	18.1	72.4	30 - 130
2,4,5-Trichlorophenol	25.0	ND	15.0	60.2	43 - 96
2,4,6-Trichlorophenol	25.0	ND	14.4	57.6	46 - 94
2,4-Dichlorophenol	25.0	ND	13.3	53.4	26 - 101
2,4-Dimethylphenol	25.0	ND	12.6	50.2	10 - 104
2,4-Dinitrophenol	25.0	ND	20.0	80.2	10 - 146
2,4-Dinitrotoluene	25.0	ND	16.6	66.2	30 - 108
2,6-Dinitrotoluene	25.0	ND	17.7	70.8	38 - 98
2-Chloronaphthalene	25.0	ND	9.93	39.7	30 - 89
2-Chlorophenol	25.0	ND	10.1	40.4	24 - 98
2-Methylnaphthalene	25.0	ND	9.55	38.2	10 - 112
2-Methylphenol	25.0	ND	9.85	39.4	10 - 134
2-Nitroaniline	25.0	ND	16.0	64.1	25 - 110
2-Nitrophenol	25.0	ND	12.6	50.6	10 - 139
3- & 4-Methylphenols	25.0	ND	8.13	32.5	10 - 91
3,3-Dichlorobenzidine	25.0	ND	3.20	12.8	10 - 140
3-Nitroaniline	25.0	ND	12.5	50.0	22 - 111
4,6-Dinitro-2-methylphenol	25.0	ND	17.3	69.4	10 - 140
4-Bromophenyl phenyl ether	25.0	ND	12.8	51.1	30 - 108
4-Chloro-3-methylphenol	25.0	ND	16.0	63.9	11 - 109
4-Chloroaniline	25.0	ND	8.90	35.6	10 - 116
4-Chlorophenyl phenyl ether	25.0	ND	11.6	46.6	39 - 85
4-Nitroaniline	25.0	ND	11.4	45.7	11 - 132
4-Nitrophenol	25.0	ND	ND	0 *	10 - 82
Acetophenone	25.0	ND	13.0	52.2	14 - 102
Aniline	25.0	ND	5.76	23.0	10 - 80
Benzaldehyde	25.0	ND	12.5	50.1	13 - 87
Benzoic acid	25.0	ND	7.92	31.7	10 - 162

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270D

MW-4R

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41529	Laboratory ID:	BK41529-MS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Source Sample Name: MW-4R

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Benzyl alcohol	25.0	ND	9.80	39.2	10 - 102
Benzyl butyl phthalate	25.0	ND	15.4	61.7	10 - 133
Bis(2-chloroethoxy)methane	25.0	ND	13.9	55.7	18 - 105
Bis(2-chloroethyl)ether	25.0	ND	10.9	43.6	10 - 108
Bis(2-chloroisopropyl)ether	25.0	ND	11.7	46.7	13 - 116
Caprolactam	25.0	ND	ND	0 *	10 - 75
Carbazole	25.0	ND	14.4	57.6	36 - 108
Dibenzofuran	25.0	ND	11.9	47.6	34 - 92
Diethyl phthalate	25.0	ND	15.0	60.1	33 - 98
Dimethyl phthalate	25.0	ND	15.6	62.5	18 - 116
Di-n-butyl phthalate	25.0	ND	15.4	61.8	25 - 97
Di-n-octyl phthalate	25.0	ND	14.4	57.5	10 - 137
Diphenylamine	25.0	ND	15.7	62.9	40 - 140
Hexachlorocyclopentadiene	25.0	ND	ND	0 *	10 - 79
Isophorone	25.0	ND	14.4	57.5	25 - 103
N-nitroso-di-n-propylamine	25.0	ND	13.4	53.6	19 - 115
N-Nitrosodiphenylamine	25.0	ND	16.0	64.0	31 - 112
Phenol	25.0	ND	4.90	19.6	10 - 61
Pyridine	35.0	ND	ND	0 *	10 - 78

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270D

MW-4R

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Matrix: Water
Batch: BK41529
Laboratory ID: BK41529-MSD1
Preparation: EPA 3510C
Initial/Final: 1000 mL / 1 mL
Source Sample Name: MW-4R

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	25.0	12.3	49.4	15.4	25	26 - 79
1,2,4,5-Tetrachlorobenzene	25.0	11.8	47.2	10.7	25	33 - 90
1,2-Diphenylhydrazine (as Azobenzene)	25.0	14.4	57.8	6.35	25	21 - 107
2,3,4,6-Tetrachlorophenol	25.0	19.2	76.9	5.95	25	30 - 130
2,4,5-Trichlorophenol	25.0	16.4	65.6	8.65	25	43 - 96
2,4,6-Trichlorophenol	25.0	15.8	63.1	9.08	25	46 - 94
2,4-Dichlorophenol	25.0	14.4	57.5	7.43	25	26 - 101
2,4-Dimethylphenol	25.0	15.5	62.0	21.0	25	10 - 104
2,4-Dinitrophenol	25.0	23.0	91.9	13.6	25	10 - 146
2,4-Dinitrotoluene	25.0	17.3	69.3	4.60	25	30 - 108
2,6-Dinitrotoluene	25.0	18.6	74.4	4.90	25	38 - 98
2-Chloronaphthalene	25.0	11.4	45.6	13.7	25	30 - 89
2-Chlorophenol	25.0	11.1	44.5	9.60	25	24 - 98
2-Methylnaphthalene	25.0	10.5	41.9	9.19	25	10 - 112
2-Methylphenol	25.0	11.1	44.5	12.2	25	10 - 134
2-Nitroaniline	25.0	16.8	67.3	4.81	25	25 - 110
2-Nitrophenol	25.0	14.8	59.2	15.7	25	10 - 139
3- & 4-Methylphenols	25.0	8.79	35.2	7.80	25	10 - 91
3,3-Dichlorobenzidine	25.0	3.94	15.8	20.7	25	10 - 140
3-Nitroaniline	25.0	13.4	53.8	7.17	25	22 - 111
4,6-Dinitro-2-methylphenol	25.0	17.7	70.7	1.89	25	10 - 140
4-Bromophenyl phenyl ether	25.0	14.6	58.2	13.0	25	30 - 108
4-Chloro-3-methylphenol	25.0	17.5	69.9	9.03	25	11 - 109
4-Chloroaniline	25.0	10.7	42.9	18.6	25	10 - 116
4-Chlorophenyl phenyl ether	25.0	13.8	55.2	16.8	25	39 - 85
4-Nitroaniline	25.0	12.6	50.6	10.2	25	11 - 132
4-Nitrophenol	25.0	6.96	27.8		25	10 - 82
Acetophenone	25.0	13.9	55.7	6.52	25	14 - 102
Aniline	25.0	7.33	29.3	24.0	25	10 - 80
Benzaldehyde	25.0	13.6	54.2	7.98	25	13 - 87
Benzoic acid	25.0	8.67	34.7	9.04	25	10 - 162
Benzyl alcohol	25.0	10.2	41.0	4.49	25	10 - 102

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270D

MW-4R

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41529	Laboratory ID:	BK41529-MSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Source Sample Name: MW-4R

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzyl butyl phthalate	25.0	16.7	66.8	7.97	25	10 - 133
Bis(2-chloroethoxy)methane	25.0	15.1	60.4	8.13	25	18 - 105
Bis(2-chloroethyl)ether	25.0	12.0	48.2	9.93	25	10 - 108
Bis(2-chloroisopropyl)ether	25.0	12.8	51.4	9.55	25	13 - 116
Caprolactam	25.0	ND	0 *		25	10 - 75
Carbazole	25.0	15.3	61.1	5.80	25	36 - 108
Dibenzofuran	25.0	13.4	53.7	12.1	25	34 - 92
Diethyl phthalate	25.0	16.0	63.8	5.94	25	33 - 98
Dimethyl phthalate	25.0	16.8	67.2	7.16	25	18 - 116
Di-n-butyl phthalate	25.0	16.3	65.4	5.60	25	25 - 97
Di-n-octyl phthalate	25.0	15.6	62.3	8.08	25	10 - 137
Diphenylamine	25.0	17.2	68.9	9.10	25	40 - 140
Hexachlorocyclopentadiene	25.0	5.02	20.1		25	10 - 79
Isophorone	25.0	15.5	62.0	7.63	25	25 - 103
N-nitroso-di-n-propylamine	25.0	14.4	57.6	7.12	25	19 - 115
N-Nitrosodiphenylamine	25.0	17.6	70.3	9.35	25	31 - 112
Phenol	25.0	5.16	20.6	5.17	25	10 - 61
Pyridine	35.0	4.05	11.6		25	10 - 78

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41436	Laboratory ID:	BK41436-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1-Biphenyl	25.0	13.7	54.9	33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	14.6	58.3	26 - 120
1,2-Diphenylhydrazine (as Azobenzene)	25.0	15.2	61.0	16 - 141
2,3,4,6-Tetrachlorophenol	25.0	18.9	75.7	30 - 130
2,4,5-Trichlorophenol	25.0	15.2	60.7	32 - 114
2,4,6-Trichlorophenol	25.0	15.3	61.0	35 - 118
2,4-Dichlorophenol	25.0	13.9	55.6	25 - 116
2,4-Dimethylphenol	25.0	12.5	49.8	15 - 116
2,4-Dinitrophenol	25.0	18.1	72.2	10 - 170
2,4-Dinitrotoluene	25.0	17.2	69.0	41 - 128
2,6-Dinitrotoluene	25.0	16.8	67.3	45 - 116
2-Chloronaphthalene	25.0	13.1	52.3	33 - 112
2-Chlorophenol	25.0	11.7	46.6	15 - 120
2-Methylnaphthalene	25.0	12.0	47.9	24 - 118
2-Methylphenol	25.0	11.1	44.5	10 - 110
2-Nitroaniline	25.0	15.6	62.4	34 - 129
2-Nitrophenol	25.0	14.3	57.2	28 - 118
3- & 4-Methylphenols	25.0	8.71	34.8	10 - 107
3,3-Dichlorobenzidine	25.0	11.2	44.8	15 - 187
3-Nitroaniline	25.0	14.4	57.6	24 - 134
4,6-Dinitro-2-methylphenol	25.0	19.1	76.5	10 - 153
4-Bromophenyl phenyl ether	25.0	15.4	61.7	34 - 120
4-Chloro-3-methylphenol	25.0	14.6	58.3	20 - 120
4-Chloroaniline	25.0	11.9	47.6	10 - 147
4-Chlorophenyl phenyl ether	25.0	14.6	58.4	27 - 121
4-Nitroaniline	25.0	15.5	62.0	13 - 134
4-Nitrophenol	25.0	6.35	25.4	10 - 131
Acetophenone	25.0	15.0	59.9	25 - 110
Aniline	25.0	5.46	21.8	10 - 117
Benzaldehyde	25.0	14.8	59.4	29 - 117

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41436	Laboratory ID:	BK41436-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Benzoic acid	25.0	3.79	15.2 *	30 - 130
Benzyl alcohol	25.0	9.92	39.7	10 - 117
Benzyl butyl phthalate	25.0	16.0	64.2	29 - 133
Bis(2-chloroethoxy)methane	25.0	14.0	56.2	10 - 154
Bis(2-chloroethyl)ether	25.0	12.2	49.0	17 - 125
Bis(2-chloroisopropyl)ether	25.0	14.1	56.6	10 - 139
Caprolactam	25.0	2.79	11.2	10 - 137
Carbazole	25.0	14.4	57.4	42 - 126
Dibenzofuran	25.0	14.3	57.3	36 - 113
Diethyl phthalate	25.0	15.4	61.8	38 - 115
Dimethyl phthalate	25.0	15.2	60.6	38 - 129
Di-n-butyl phthalate	25.0	15.3	61.2	31 - 120
Di-n-octyl phthalate	25.0	15.9	63.5	21 - 149
Diphenylamine	25.0	18.1	72.5	40 - 140
Hexachlorocyclopentadiene	25.0	8.99	36.0	10 - 130
Isophorone	25.0	14.6	58.4	25 - 127
N-nitroso-di-n-propylamine	25.0	14.3	57.1	26 - 122
N-Nitrosodiphenylamine	25.0	18.0	72.2	23 - 149
Phenol	25.0	5.26	21.0	10 - 110
Pyridine	35.0	ND	0 *	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41436	Laboratory ID:	BK41436-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	25.0	9.65	38.6	34.9 *	20	33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	10.0	40.2	36.7 *	20	26 - 120
1,2-Diphenylhydrazine (as Azobenzene)	25.0	11.0	44.1	32.1 *	20	16 - 141
2,3,4,6-Tetrachlorophenol	25.0	14.0	55.9	30.1 *	20	30 - 130
2,4,5-Trichlorophenol	25.0	11.0	44.2	31.5 *	20	32 - 114
2,4,6-Trichlorophenol	25.0	10.5	42.1	36.8 *	20	35 - 118
2,4-Dichlorophenol	25.0	10.1	40.3	31.8 *	20	25 - 116
2,4-Dimethylphenol	25.0	9.45	37.8	27.5 *	20	15 - 116
2,4-Dinitrophenol	25.0	13.9	55.6	26.0 *	20	10 - 170
2,4-Dinitrotoluene	25.0	12.3	49.4	33.1 *	20	41 - 128
2,6-Dinitrotoluene	25.0	12.1	48.3	32.9 *	20	45 - 116
2-Chloronaphthalene	25.0	9.16	36.6	35.3 *	20	33 - 112
2-Chlorophenol	25.0	8.90	35.6	26.8 *	20	15 - 120
2-Methylnaphthalene	25.0	8.71	34.8	31.6 *	20	24 - 118
2-Methylphenol	25.0	7.99	32.0	32.8 *	20	10 - 110
2-Nitroaniline	25.0	11.5	45.9	30.5 *	20	34 - 129
2-Nitrophenol	25.0	10.5	41.9	30.8 *	20	28 - 118
3- & 4-Methylphenols	25.0	6.60	26.4	27.6 *	20	10 - 107
3,3-Dichlorobenzidine	25.0	8.23	32.9	30.7 *	20	15 - 187
3-Nitroaniline	25.0	11.0	44.0	26.7 *	20	24 - 134
4,6-Dinitro-2-methylphenol	25.0	14.7	58.8	26.3 *	20	10 - 153
4-Bromophenyl phenyl ether	25.0	10.7	42.7	36.4 *	20	34 - 120
4-Chloro-3-methylphenol	25.0	10.9	43.7	28.7 *	20	20 - 120
4-Chloroaniline	25.0	9.35	37.4	23.9 *	20	10 - 147
4-Chlorophenyl phenyl ether	25.0	10.2	40.9	35.2 *	20	27 - 121
4-Nitroaniline	25.0	11.7	46.7	28.2 *	20	13 - 134
4-Nitrophenol	25.0	ND	0 *		20	10 - 131
Acetophenone	25.0	10.9	43.5	31.8 *	20	25 - 110
Aniline	25.0	5.07	20.3	7.41	20	10 - 117
Benzaldehyde	25.0	11.0	44.0	29.6 *	20	29 - 117

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41436	Laboratory ID:	BK41436-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzoic acid	25.0	2.83	11.3 *	29.0 *	20	30 - 130
Benzyl alcohol	25.0	7.54	30.2	27.3 *	20	10 - 117
Benzyl butyl phthalate	25.0	11.5	46.0	33.0 *	20	29 - 133
Bis(2-chloroethoxy)methane	25.0	10.3	41.3	30.6 *	20	10 - 154
Bis(2-chloroethyl)ether	25.0	9.04	36.2	30.2 *	20	17 - 125
Bis(2-chloroisopropyl)ether	25.0	10.2	41.0	32.0 *	20	10 - 139
Caprolactam	25.0	ND	0 *		20	10 - 137
Carbazole	25.0	10.6	42.5	29.9 *	20	42 - 126
Dibenzofuran	25.0	10.4	41.5	32.0 *	20	36 - 113
Diethyl phthalate	25.0	11.4	45.7	29.8 *	20	38 - 115
Dimethyl phthalate	25.0	10.9	43.6	32.5 *	20	38 - 129
Di-n-butyl phthalate	25.0	11.2	45.0	30.6 *	20	31 - 120
Di-n-octyl phthalate	25.0	11.2	44.9	34.3 *	20	21 - 149
Diphenylamine	25.0	12.8	51.4	34.0 *	20	40 - 140
Hexachlorocyclopentadiene	25.0	6.00	24.0	39.9 *	20	10 - 130
Isophorone	25.0	10.6	42.2	32.1 *	20	25 - 127
N-nitroso-di-n-propylamine	25.0	10.3	41.4	31.9 *	20	26 - 122
N-Nitrosodiphenylamine	25.0	13.3	53.0	30.6 *	20	23 - 149
Phenol	25.0	4.10	16.4	24.8 *	20	10 - 110
Pyridine	35.0	ND	0 *		20	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41529	Laboratory ID:	BK41529-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1-Biphenyl	25.0	11.3	45.4	33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	11.7	46.7	26 - 120
1,2-Diphenylhydrazine (as Azobenzene)	25.0	13.8	55.4	16 - 141
2,3,4,6-Tetrachlorophenol	25.0	17.7	71.0	30 - 130
2,4,5-Trichlorophenol	25.0	14.2	56.8	32 - 114
2,4,6-Trichlorophenol	25.0	13.4	53.4	35 - 118
2,4-Dichlorophenol	25.0	12.8	51.3	25 - 116
2,4-Dimethylphenol	25.0	12.2	48.8	15 - 116
2,4-Dinitrophenol	25.0	20.5	81.9	10 - 170
2,4-Dinitrotoluene	25.0	15.7	62.6	41 - 128
2,6-Dinitrotoluene	25.0	15.6	62.2	45 - 116
2-Chloronaphthalene	25.0	10.6	42.5	33 - 112
2-Chlorophenol	25.0	10.0	40.1	15 - 120
2-Methylnaphthalene	25.0	10.2	40.6	24 - 118
2-Methylphenol	25.0	9.83	39.3	10 - 110
2-Nitroaniline	25.0	14.7	59.0	34 - 129
2-Nitrophenol	25.0	13.3	53.2	28 - 118
3- & 4-Methylphenols	25.0	8.28	33.1	10 - 107
3,3-Dichlorobenzidine	25.0	10.3	41.1	15 - 187
3-Nitroaniline	25.0	12.0	48.0	24 - 134
4,6-Dinitro-2-methylphenol	25.0	18.5	73.9	10 - 153
4-Bromophenyl phenyl ether	25.0	13.3	53.3	34 - 120
4-Chloro-3-methylphenol	25.0	14.7	58.7	20 - 120
4-Chloroaniline	25.0	7.62	30.5	10 - 147
4-Chlorophenyl phenyl ether	25.0	12.2	48.8	27 - 121
4-Nitroaniline	25.0	14.3	57.1	13 - 134
4-Nitrophenol	25.0	6.28	25.1	10 - 131
Acetophenone	25.0	13.0	52.0	25 - 110
Aniline	25.0	3.69	14.8	10 - 117
Benzaldehyde	25.0	12.1	48.2	29 - 117

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41529	Laboratory ID:	BK41529-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Benzoic acid	25.0	2.75	11.0 *	30 - 130
Benzyl alcohol	25.0	8.44	33.8	10 - 117
Benzyl butyl phthalate	25.0	14.6	58.4	29 - 133
Bis(2-chloroethoxy)methane	25.0	13.6	54.2	10 - 154
Bis(2-chloroethyl)ether	25.0	10.9	43.6	17 - 125
Bis(2-chloroisopropyl)ether	25.0	12.0	48.2	10 - 139
Caprolactam	25.0	2.87	11.5	10 - 137
Carbazole	25.0	14.4	57.4	42 - 126
Dibenzofuran	25.0	11.8	47.1	36 - 113
Diethyl phthalate	25.0	14.8	59.1	38 - 115
Dimethyl phthalate	25.0	14.8	59.3	38 - 129
Di-n-butyl phthalate	25.0	15.2	60.8	31 - 120
Di-n-octyl phthalate	25.0	14.5	57.9	21 - 149
Diphenylamine	25.0	15.7	63.0	40 - 140
Hexachlorocyclopentadiene	25.0	ND	0 *	10 - 130
Isophorone	25.0	14.4	57.4	25 - 127
N-nitroso-di-n-propylamine	25.0	13.1	52.6	26 - 122
N-Nitrosodiphenylamine	25.0	16.2	64.7	23 - 149
Phenol	25.0	4.27	17.1	10 - 110
Pyridine	35.0	3.77	10.8	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41529	Laboratory ID:	BK41529-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	25.0	11.4	45.6	0.440	20	33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	11.7	46.7	0.0857	20	26 - 120
1,2-Diphenylhydrazine (as Azobenzene)	25.0	14.0	56.2	1.36	20	16 - 141
2,3,4,6-Tetrachlorophenol	25.0	18.1	72.3	1.90	20	30 - 130
2,4,5-Trichlorophenol	25.0	14.6	58.4	2.85	20	32 - 114
2,4,6-Trichlorophenol	25.0	13.7	54.8	2.66	20	35 - 118
2,4-Dichlorophenol	25.0	13.3	53.2	3.60	20	25 - 116
2,4-Dimethylphenol	25.0	12.4	49.6	1.55	20	15 - 116
2,4-Dinitrophenol	25.0	23.3	93.0	12.8	20	10 - 170
2,4-Dinitrotoluene	25.0	17.3	69.0	9.72	20	41 - 128
2,6-Dinitrotoluene	25.0	17.0	68.1	9.03	20	45 - 116
2-Chloronaphthalene	25.0	10.7	42.9	0.937	20	33 - 112
2-Chlorophenol	25.0	10.2	40.8	1.68	20	15 - 120
2-Methylnaphthalene	25.0	10.4	41.5	2.24	20	24 - 118
2-Methylphenol	25.0	9.87	39.5	0.406	20	10 - 110
2-Nitroaniline	25.0	16.0	64.1	8.32	20	34 - 129
2-Nitrophenol	25.0	13.7	54.7	2.82	20	28 - 118
3- & 4-Methylphenols	25.0	8.21	32.8	0.849	20	10 - 107
3,3-Dichlorobenzidine	25.0	10.2	40.8	0.781	20	15 - 187
3-Nitroaniline	25.0	12.7	50.6	5.27	20	24 - 134
4,6-Dinitro-2-methylphenol	25.0	21.0	83.8	12.5	20	10 - 153
4-Bromophenyl phenyl ether	25.0	12.9	51.4	3.51	20	34 - 120
4-Chloro-3-methylphenol	25.0	14.9	59.6	1.42	20	20 - 120
4-Chloroaniline	25.0	8.12	32.5	6.35	20	10 - 147
4-Chlorophenyl phenyl ether	25.0	12.1	48.2	1.15	20	27 - 121
4-Nitroaniline	25.0	14.9	59.5	4.12	20	13 - 134
4-Nitrophenol	25.0	5.79	23.2	8.12	20	10 - 131
Acetophenone	25.0	13.6	54.3	4.44	20	25 - 110
Aniline	25.0	5.38	21.5	37.3 *	20	10 - 117
Benzaldehyde	25.0	12.6	50.3	4.22	20	29 - 117

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41529	Laboratory ID:	BK41529-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzoic acid	25.0	ND	0 *		20	30 - 130
Benzyl alcohol	25.0	8.30	33.2	1.67	20	10 - 117
Benzyl butyl phthalate	25.0	15.2	61.0	4.22	20	29 - 133
Bis(2-chloroethoxy)methane	25.0	14.7	58.6	7.80	20	10 - 154
Bis(2-chloroethyl)ether	25.0	10.7	42.8	1.85	20	17 - 125
Bis(2-chloroisopropyl)ether	25.0	12.2	48.8	1.32	20	10 - 139
Caprolactam	25.0	2.66	10.6	7.59	20	10 - 137
Carbazole	25.0	15.1	60.3	4.96	20	42 - 126
Dibenzofuran	25.0	12.1	48.6	3.09	20	36 - 113
Diethyl phthalate	25.0	15.9	63.5	7.18	20	38 - 115
Dimethyl phthalate	25.0	15.6	62.6	5.45	20	38 - 129
Di-n-butyl phthalate	25.0	16.1	64.5	5.87	20	31 - 120
Di-n-octyl phthalate	25.0	14.6	58.4	0.757	20	21 - 149
Diphenylamine	25.0	16.6	66.5	5.44	20	40 - 140
Hexachlorocyclopentadiene	25.0	ND	0 *		20	10 - 130
Isophorone	25.0	15.1	60.4	5.09	20	25 - 127
N-nitroso-di-n-propylamine	25.0	13.7	54.7	3.95	20	26 - 122
N-Nitrosodiphenylamine	25.0	16.8	67.3	3.94	20	23 - 149
Phenol	25.0	4.40	17.6	3.00	20	10 - 110
Pyridine	35.0	ND	0 *		20	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Calibration: SK40007
Instrument: MSBNA9
Calibration Date: 11/01/24 00:45

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.6489318	10.7584	7.623	0.0462632			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4606322	23.47204	7.355	4.382085E-02			SPCC (0.01)	*
1,2,4-Trichlorobenzene	0.2785318	13.95028	6.446	1.937967E-02			20	
1,2-Dichlorobenzene	1.67782	11.72625	5.574667	1.852302E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.968597	8.979827	9.27775	2.646172E-02			20	
1,3-Dichlorobenzene	1.710136	12.08802	5.371	6.178159E-03			20	
1,4-Dichlorobenzene	1.793843	12.58975	5.412	1.580659E-02			20	
1-Methylnaphthalene	0.6195089	13.01663	7.26	5.465919E-03			20	
2,3,4,6-Tetrachlorophenol	0.1432038	13.83546	8.8105	3.638994E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3702085	8.647457	7.498	1.521239E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3374927	9.025038	7.452	1.080736E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.2738151	12.71717	6.36575	0.0315409			SPCC (0.2)	
2,4-Dimethylphenol	0.3107142	13.03702	6.17375	3.059341E-02			SPCC (0.2)	
2,4-Dinitrophenol	9.156129E-02	55.70332	8.43625	3.124995E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3957052	12.50846	8.628	3.371595E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2845673	11.21264	8.114	2.420417E-02			SPCC (0.2)	
2-Chloronaphthalene	1.195434	10.10281	7.661	9.236177E-03			SPCC (0.8)	
2-Chlorophenol	1.626464	11.47529	5.249	8.929741E-03			SPCC (0.8)	
2-Methylnaphthalene	0.6954062	13.2901	7.144	1.699487E-02			SPCC (0.4)	
2-Methylphenol	1.375012	10.88118	5.6165	5.053974E-02			SPCC (0.7)	
2-Nitroaniline	0.4292378	10.77941	7.807	3.061186E-02			SPCC (0.01)	
2-Nitrophenol	0.1738787	10.36705	6.173	1.493544E-02			SPCC (0.1)	
3- & 4-Methylphenols	2.075979	9.338811	5.732625	4.873571E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.626685	25.90962	15.038	1.906318E-02			SPCC (0.01)	*
3-Nitroaniline	0.3751692	11.99425	8.302	3.061676E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	9.750909E-02	25.46559	9.218125	3.608761E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.2368809	9.262437	9.667	2.856083E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3269643	12.60892	6.98175	2.849663E-02			SPCC (0.2)	
4-Chloroaniline	0.4404497	13.59707	6.568	1.039635E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6163425	11.36912	9.04	3.669403E-02			SPCC (0.4)	
4-Nitroaniline	0.3894614	11.50713	9.168	6.761677E-02			SPCC (0.01)	
4-Nitrophenol	0.2966285	13.75482	8.46975	4.752406E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Calibration: SK40007
Instrument: MSBNA9
Calibration Date: 11/01/24 00:45

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.256799	10.82351	8.386	3.541129E-02			SPCC (0.9)	
Acenaphthylene	1.957753	10.66402	8.16	3.799379E-02			SPCC (0.9)	
Acetophenone	2.293315	24.60228	5.751	5.460699E-02			SPCC (0.01)	*
Alpha Terpineol	0.3075022	15.32768	6.469666	1.151429E-02			20	
Aniline	2.276941	11.88501	5.162	6.890332E-03			SPCC ()	
Anthracene	1.305776	10.85339	10.303	0.0303345			SPCC (0.7)	
Atrazine	0.224279	23.40979	9.877	3.318868E-02			SPCC (0.01)	*
Benzaldehyde	1.20055	23.12206	5.046	9.780151E-03			SPCC (0.01)	*
Benzidine	0.8453737	26.22176	12.382	2.945148E-02			20	*
Benzo(a)anthracene	1.29136	12.12001	14.996	3.100541E-02			SPCC (0.8)	
Benzo(a)pyrene	1.434356	11.80652	17.94067	3.114031E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.436581	11.28392	17.29633	0.0291912			SPCC (0.7)	
Benzo(g,h,i)perylene	1.153024	10.25585	20.4745	0.0429262			SPCC (0.5)	
Benzo(k)fluoranthene	1.466866	11.94961	17.347	4.179114E-02			SPCC (0.7)	
Benzoic acid	0.1848666	20.7883	6.259333	0.267849			20	*
Benzyl alcohol	1.143271	11.71322	5.522	1.934171E-02			20	
Benzyl butyl phthalate	0.6980989	13.02609	13.962	1.224104E-02			20	
Bis(2-chloroethoxy)methane	0.4089061	14.7803	6.255334	3.778002E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.625299	11.475	5.19475	6.255545E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	2.355775	11.69093	5.6385	1.598915E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	1.016726	12.38926	15.288	2.158395E-02			20	
Caprolactam	0.1143428	23.77604	6.878167	0.1286528			SPCC (0.01)	*
Carbazole	1.280345	11.51446	10.521	2.433454E-02			SPCC (0.01)	
Chrysene	1.283845	12.0343	15.089	2.795776E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.258694	10.5432	20.0435	3.366229E-02			SPCC (0.4)	
Dibenzofuran	1.724753	11.23534	8.591	1.126122E-02			SPCC (0.8)	
Diethyl phthalate	1.473795	11.86771	8.917	5.143809E-02			SPCC (0.01)	
Dimethyl phthalate	1.43102	11.07801	8	0.0378221			SPCC (0.01)	
Di-n-butyl phthalate	1.58822	10.3855	11.079	0.0197205			SPCC (0.01)	
Di-n-octyl phthalate	1.824966	11.73934	16.61817	7.747759E-03			SPCC (0.01)	
Diphenylamine	0.6250045	9.137354	9.232	3.587297E-02			20	
Fluoranthene	1.367974	10.76586	12.103	0.0301769			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Calibration: SK40007
Instrument: MSBNA9
Calibration Date: 11/01/24 00:45

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.437709	10.67352	9.079	2.284432E-02			SPCC (0.9)	
Hexachlorobenzene	0.1148158	12.13756	9.852	2.154046E-02			SPCC (0.1)	
Hexachlorobutadiene	0.1464375	13.85841	6.645	4.079481E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.2820577	11.49455	7.359	0.008242			SPCC (0.05)	
Hexachloroethane	0.6761534	10.91794	5.8245	1.349916E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	1.153024	10.25585	20.4745	0.0429262			SPCC (0.5)	
Isophorone	0.7363401	13.71351	6.086	1.974567E-02			SPCC (0.4)	
Naphthalene	1.064098	13.68942	6.51	1.752687E-02			SPCC (0.7)	
Nitrobenzene	0.3910197	14.11017	5.903	5.428309E-02			SPCC (0.2)	
N-Nitrosodimethylamine	1.073599	14.79454	3.198	1.963815E-02			20	
N-nitroso-di-n-propylamine	1.353582	10.93233	5.7605	2.262854E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.2199271	9.021569	9.232	3.587297E-02			SPCC (0.01)	
Parathion	0.1733223	12.39867	11.398	6.192334E-03			20	
Pentachloronitrobenzene	0.1024218	10.29961	10.153	2.232209E-02			20	
Pentachlorophenol	0.115289	35.83465	10.0565	1.986044E-02			SPCC (0.05)	*
Phenanthrene	1.27354	10.95747	10.247	1.970113E-02			SPCC (0.7)	
Phenol	2.083196	12.11274	5.12475	6.073139E-02			SPCC (0.8)	
Pyrene	1.338013	12.54027	12.51733	4.633529E-03			SPCC (0.6)	
Pyridine	0.722046	15.09314	3.246	1.461736			20	
SURR: 2,4,6-Tribromophenol	0.1248229	9.821475	9.445	2.204472E-02			20	
SURR: 2-Fluorobiphenyl	1.417167	11.13431	7.520375	0.0288636			20	
SURR: 2-Fluorophenol	1.590696	13.46027	4.3425	1.703621E-02			20	
SURR: Nitrobenzene-d5	0.3766014	12.31802	5.888	1.446277E-02			20	
SURR: Phenol-d6	1.995461	12.10617	5.114	4.985947E-02			20	
SURR: Terphenyl-d14	1.019087	10.92567	12.8525	0.0179928			20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Instrument ID:	MSBNA9	Calibration:	SK40007
Lab File ID:	E900324033.D	Calibration Date:	11/01/24 00:45
Sequence:	S4K2230	Injection Date:	11/22/24
Lab Sample ID:	S4K2230-CCV1	Injection Time:	09:20

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	27.9	0.6489318	0.6031205	0.01	-7.1	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	28.8	0.4606322	0.4413909	0.01	-4.2	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	28.2	0.968597	0.9096563		-6.1	20	
2,3,4,6-Tetrachlorophenol	A	30.0	28.5	0.1432038	0.1361434	0.01	-4.9	20	
2,4,5-Trichlorophenol	A	30.0	27.7	0.3702085	0.3416717	0.2	-7.7	20	
2,4,6-Trichlorophenol	A	30.0	27.0	0.3374927	0.3039059	0.2	-10.0	20	
2,4-Dichlorophenol	A	30.0	25.7	0.2738151	0.2345952	0.2	-14.3	20	
2,4-Dimethylphenol	A	30.0	24.8	0.3107142	0.2567039	0.2	-17.4	20	
2,4-Dinitrophenol	A	30.0	46.4	9.156129E-02	0.1415506	0.01	54.6	20	*
2,4-Dinitrotoluene	A	30.0	29.0	0.3957052	0.3830674	0.2	-3.2	20	
2,6-Dinitrotoluene	A	30.0	29.7	0.2845673	0.2813347	0.2	-1.1	20	
2-Chloronaphthalene	A	30.0	27.2	1.195434	1.083342	0.8	-9.4	20	
2-Chlorophenol	A	30.0	24.9	1.626464	1.352269	0.8	-16.9	20	
2-Methylnaphthalene	A	30.0	26.5	0.6954062	0.6147624	0.4	-11.6	20	
2-Methylphenol	A	30.0	25.7	1.375012	1.177393	0.7	-14.4	20	
2-Nitroaniline	A	30.0	28.1	0.4292378	0.401807	0.01	-6.4	20	
2-Nitrophenol	A	30.0	28.4	0.1738787	0.1647494	0.1	-5.3	20	
3- & 4-Methylphenols	A	30.0	26.4	2.075979	1.825782	0.6	-12.1	20	
3,3-Dichlorobenzidine	A	30.0	25.8	0.626685	0.5391173	0.01	-14.0	20	
3-Nitroaniline	A	30.0	27.0	0.3751692	0.3369943	0.01	-10.2	20	
4,6-Dinitro-2-methylphenol	A	30.0	40.6	9.750909E-02	0.1319283	0.01	35.3	20	*
4-Bromophenyl phenyl ether	A	30.0	28.8	0.2368809	0.2272694	0.1	-4.1	20	
4-Chloro-3-methylphenol	A	30.0	26.3	0.3269643	0.2863538	0.2	-12.4	20	
4-Chloroaniline	A	30.0	26.0	0.4404497	0.38128	0.01	-13.4	20	
4-Chlorophenyl phenyl ether	A	30.0	27.0	0.6163425	0.5536548	0.4	-10.2	20	
4-Nitroaniline	A	30.0	26.6	0.3894614	0.3452876	0.01	-11.3	20	
4-Nitrophenol	A	30.0	25.6	0.2966285	0.2529365	0.01	-14.7	20	
Acetophenone	A	30.0	27.7	2.293315	2.118592	0.01	-7.6	20	
Aniline	A	30.0	27.6	2.276941	2.096978		-7.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Instrument ID:	MSBNA9	Calibration:	SK40007
Lab File ID:	E900324033.D	Calibration Date:	11/01/24 00:45
Sequence:	S4K2230	Injection Date:	11/22/24
Lab Sample ID:	S4K2230-CCV1	Injection Time:	09:20

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Benzaldehyde	A	30.0	27.3	1.20055	1.093652	0.01	-8.9	20	
Benzidine	A	30.0	23.1	0.8453737	0.6517455		-22.9	20	*
Benzoic acid	A	30.0	34.7	0.1848666	0.2139918		15.8	20	
Benzyl alcohol	A	30.0	25.5	1.143271	0.9715927		-15.0	20	
Benzyl butyl phthalate	A	30.0	25.7	0.6980989	0.5983687		-14.3	20	
Bis(2-chloroethoxy)methane	A	30.0	25.4	0.4089061	0.3461872	0.3	-15.3	20	
Bis(2-chloroethyl)ether	A	30.0	25.1	1.625299	1.357885	0.7	-16.5	20	
Bis(2-chloroisopropyl)ether	A	30.0	27.5	2.355775	2.161114	0.01	-8.3	20	
Caprolactam	A	30.0	29.0	0.1143428	0.1104653	0.01	-3.4	20	
Carbazole	A	30.0	27.6	1.280345	1.179439	0.01	-7.9	20	
Dibenzofuran	A	30.0	26.4	1.724753	1.517455	0.8	-12.0	20	
Diethyl phthalate	A	30.0	26.2	1.473795	1.286677	0.01	-12.7	20	
Dimethyl phthalate	A	30.0	27.2	1.43102	1.298787	0.01	-9.2	20	
Di-n-butyl phthalate	A	30.0	28.0	1.58822	1.480875	0.01	-6.8	20	
Di-n-octyl phthalate	A	30.0	25.9	1.824966	1.573651	0.01	-13.8	20	
Diphenylamine	A	30.0	28.9	0.6250045	0.6015788		-3.7	20	
Hexachlorocyclopentadiene	A	30.0	25.9	0.2820577	0.2438232	0.05	-13.6	20	
Isophorone	A	30.0	26.5	0.7363401	0.6496623	0.4	-11.8	20	
N-nitroso-di-n-propylamine	A	30.0	26.9	1.353582	1.214794	0.5	-10.3	20	
N-Nitrosodiphenylamine	A	30.0	29.2	0.2199271	0.2140507	0.01	-2.7	20	
Phenol	A	30.0	28.6	2.083196	1.988776	0.8	-4.5	20	
Pyridine	A	30.0	56.6	0.722046	1.361593		88.6	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Instrument ID:	MSBNA9	Calibration:	SK40007
Lab File ID:	E900324100.D	Calibration Date:	11/01/24 00:45
Sequence:	S4K2548	Injection Date:	11/25/24
Lab Sample ID:	S4K2548-CCV1	Injection Time:	09:06

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	27.2	0.6489318	0.5874366	0.01	-9.5	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	27.5	0.4606322	0.4216963	0.01	-8.5	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	27.4	0.968597	0.8863393		-8.5	20	
2,3,4,6-Tetrachlorophenol	A	30.0	28.9	0.1432038	0.1378571	0.01	-3.7	20	
2,4,5-Trichlorophenol	A	30.0	26.2	0.3702085	0.3228499	0.2	-12.8	20	
2,4,6-Trichlorophenol	A	30.0	25.4	0.3374927	0.2858928	0.2	-15.3	20	
2,4-Dichlorophenol	A	30.0	25.1	0.2738151	0.2288129	0.2	-16.4	20	
2,4-Dimethylphenol	A	30.0	24.6	0.3107142	0.254392	0.2	-18.1	20	
2,4-Dinitrophenol	A	30.0	44.0	9.156129E-02	0.1343896	0.01	46.8	20	*
2,4-Dinitrotoluene	A	30.0	30.0	0.3957052	0.3951002	0.2	-0.2	20	
2,6-Dinitrotoluene	A	30.0	30.5	0.2845673	0.2891104	0.2	1.6	20	
2-Chloronaphthalene	A	30.0	26.9	1.195434	1.071527	0.8	-10.4	20	
2-Chlorophenol	A	30.0	25.6	1.626464	1.389225	0.8	-14.6	20	
2-Methylnaphthalene	A	30.0	26.5	0.6954062	0.6140336	0.4	-11.7	20	
2-Methylphenol	A	30.0	27.1	1.375012	1.240778	0.7	-9.8	20	
2-Nitroaniline	A	30.0	28.6	0.4292378	0.4099749	0.01	-4.5	20	
2-Nitrophenol	A	30.0	27.7	0.1738787	0.1606134	0.1	-7.6	20	
3- & 4-Methylphenols	A	30.0	28.5	2.075979	1.971617	0.6	-5.0	20	
3,3-Dichlorobenzidine	A	30.0	24.1	0.626685	0.5028163	0.01	-19.8	20	
3-Nitroaniline	A	30.0	28.7	0.3751692	0.3588828	0.01	-4.3	20	
4,6-Dinitro-2-methylphenol	A	30.0	35.2	9.750909E-02	0.1145087	0.01	17.4	20	
4-Bromophenyl phenyl ether	A	30.0	27.2	0.2368809	0.2151028	0.1	-9.2	20	
4-Chloro-3-methylphenol	A	30.0	25.4	0.3269643	0.2765146	0.2	-15.4	20	
4-Chloroaniline	A	30.0	26.4	0.4404497	0.3878458	0.01	-11.9	20	
4-Chlorophenyl phenyl ether	A	30.0	27.6	0.6163425	0.5660711	0.4	-8.2	20	
4-Nitroaniline	A	30.0	27.5	0.3894614	0.3573449	0.01	-8.2	20	
4-Nitrophenol	A	30.0	25.1	0.2966285	0.2482753	0.01	-16.3	20	
Acetophenone	A	30.0	29.9	2.293315	2.288951	0.01	-0.2	20	
Aniline	A	30.0	29.8	2.276941	2.265861		-0.5	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Instrument ID:	MSBNA9	Calibration:	SK40007
Lab File ID:	E900324100.D	Calibration Date:	11/01/24 00:45
Sequence:	S4K2548	Injection Date:	11/25/24
Lab Sample ID:	S4K2548-CCV1	Injection Time:	09:06

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Benzaldehyde	A	30.0	27.5	1.20055	1.099183	0.01	-8.4	20	
Benzidine	A	30.0	17.9	0.8453737	0.5053196		-40.2	20	*
Benzoic acid	A	30.0	27.9	0.1848666	0.1717634		-7.1	20	
Benzyl alcohol	A	30.0	27.4	1.143271	1.045209		-8.6	20	
Benzyl butyl phthalate	A	30.0	26.3	0.6980989	0.6116881		-12.4	20	
Bis(2-chloroethoxy)methane	A	30.0	25.7	0.4089061	0.3496976	0.3	-14.5	20	
Bis(2-chloroethyl)ether	A	30.0	26.2	1.625299	1.416477	0.7	-12.8	20	
Bis(2-chloroisopropyl)ether	A	30.0	31.5	2.355775	2.47625	0.01	5.1	20	
Caprolactam	A	30.0	29.1	0.1143428	0.1108424	0.01	-3.1	20	
Carbazole	A	30.0	25.9	1.280345	1.10394	0.01	-13.8	20	
Dibenzofuran	A	30.0	27.4	1.724753	1.576682	0.8	-8.6	20	
Diethyl phthalate	A	30.0	27.6	1.473795	1.354389	0.01	-8.1	20	
Dimethyl phthalate	A	30.0	26.9	1.43102	1.283051	0.01	-10.3	20	
Di-n-butyl phthalate	A	30.0	26.5	1.58822	1.40519	0.01	-11.5	20	
Di-n-octyl phthalate	A	30.0	25.4	1.824966	1.544616	0.01	-15.4	20	
Diphenylamine	A	30.0	26.5	0.6250045	0.5515516		-11.8	20	
Hexachlorocyclopentadiene	A	30.0	21.5	0.2820577	0.2018853	0.05	-28.4	20	*
Isophorone	A	30.0	27.5	0.7363401	0.6744462	0.4	-8.4	20	
N-nitroso-di-n-propylamine	A	30.0	29.8	1.353582	1.346104	0.5	-0.6	20	
N-Nitrosodiphenylamine	A	30.0	27.3	0.2199271	0.2000668	0.01	-9.0	20	
Phenol	A	30.0	29.8	2.083196	2.068459	0.8	-0.7	20	
Pyridine	A	30.0	57.2	0.722046	1.375537		90.5	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SVOC SIM Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM Semi-Volatiles Data for York Analytical Laboratories, Inc., SDG: 24K1288

4 Ground Water Samples and 1 Field Duplicate Collected November 15, 2024

Prepared by: Donald Anné
January 9, 2025

Holding Times: The sample was extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for target compounds were below the allowable maximum (20%), as required.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The percent recoveries (%Rs) for target compounds were within QC limits for aqueous sample BK41436-BS2.

The %Rs for hexachlorobutadiene, hexachloroethane, nitrobenzene, and n-nitrosodimethylamine were below QC limits and below 30% for aqueous sample BK41529-BS2. Positive results for these compounds should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in in the associated aqueous samples.

Field Duplicates: The relative percent difference for naphthalene was above the allowable maximum (20%) for aqueous field duplicate pair MW-3R/Dup (attached table). Positive results for naphthalene should be considered estimated (J) in samples MW-3R and Dup.

Compound ID: Checked compound results were within quantitation limits.

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FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41529	Laboratory ID:	BK41529-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Acenaphthene	1.00	0.350	35.0	25 - 116
Acenaphthylene	1.00	0.420	42.0	26 - 116
Anthracene	1.00	0.470	47.0	25 - 123
Benzo(a)anthracene	1.00	0.510	51.0	33 - 125
Benzo(a)pyrene	1.00	0.470	47.0	32 - 132
Benzo(b)fluoranthene	1.00	0.490	49.0	22 - 137
Benzo(g,h,i)perylene	1.00	0.500	50.0	10 - 138
Benzo(k)fluoranthene	1.00	0.520	52.0	20 - 137
Bis(2-ethylhexyl)phthalate	1.00	0.650	65.0	10 - 189
Chrysene	1.00	0.470	47.0	32 - 124
Dibenzo(a,h)anthracene	1.00	0.420	42.0	16 - 133
Fluoranthene	1.00	0.540	54.0	32 - 121
Fluorene	1.00	0.430	43.0	28 - 118
Hexachlorobenzene	1.00	0.280	28.0	23 - 124
Hexachlorobutadiene	1.00	ND	0 *	15 - 123
Hexachloroethane	1.00	ND	0 *	18 - 115
Indeno(1,2,3-cd)pyrene	1.00	0.420	42.0	15 - 135
Naphthalene	1.00	0.240	24.0	18 - 120
Nitrobenzene	1.00	ND	0 *	21 - 121
N-Nitrosodimethylamine	1.00	ND	0 *	10 - 124
Pentachlorophenol	1.00	0.520	52.0	10 - 156
Phenanthrene	1.00	0.460	46.0	24 - 127
Pyrene	1.00	0.420	42.0	31 - 132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

1,4-Dioxane

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM 1,4-Dioxane Data
for York Analytical Laboratories, Inc., SDG: 24K1288

4 Ground Water Sample and 1 Field Duplicate
Collected November 15, 2024

Prepared by: Donald Anné
January 9, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (20%), as required.

Blanks: The analysis of the method blank reported 1,4-dioxane as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits for reported soil samples.

Surrogate Recovery: The surrogate recoveries were within QC limits for the ground water samples and equipment blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-4R.

Laboratory Control Sample: The percent recoveries for 1,4-dioxane were within QC limits for aqueous sample BK41304-BS1 and BK41404-BS1.

Field Duplicates: The analyses of aqueous field duplicate pair MW-3R/Dup reported 1,4-dioxane as not detected; therefore, a valid relative percent difference could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked surrogate results were within quantitation limits. The analyses of the ground water samples reported 1,4-dioxane as not detected.

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PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
York Analytical Laboratories, Inc., SDG: 24K1288

4 Ground Water Samples, 1 Field Duplicate,
and 1 Field Blank
Collected November 15, 2024

Prepared by: Donald Anné
January 9, 2025

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration (Internal Standard): The Quad COD for NFDHA was below the allowable minimum (0.995) for LCQQQ on 11-12-24. Positive results for these NFDHA should be considered estimated (J) in associated samples.

Continuing Calibration: The %Ds for target PFAS were below the allowable maximum (30%), as required.

Blanks: The analyses of the method and field blanks reported target PFAS as not detected.

Internal Standard Area Summary: The internal standard retention times were within control limits.

Surrogate Recovery: Six of twenty-four surrogate recoveries for sample Field Blank were above QC limits. Three of twenty-four surrogate recoveries for samples MW-3R, MW-4R, Dup were above QC limits. Two of twenty-four surrogate recoveries for sample MW-1R were above QC limits. One of twenty-four surrogate recoveries for sample MW-5R was above QC limits. Positive results associated with the surrogate below QC limits should be considered estimated (J) in the samples.

One of twenty-four surrogate recoveries for sample MW-3R was below QC limits, but not below 10%. Positive and "not detected" results associated with the surrogate below QC limits should be considered estimated (J or UJ) in the samples.

One of twenty-four surrogate recoveries for sample Field Blank was below QC limits and below 10%. Positive results associated with the surrogate below QC limits should be considered estimated (J) and "not detected" results rejected, unusable (R) in the samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target PFAS were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-4R.

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Laboratory Control Sample: The percent recovery for PFMPA was below QC limits and below 30% for aqueous samples BK41619-BS1. Positive results for PFMPA should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

Field Duplicates: The relative percent difference for PFOS was above the allowable maximum (20%) for aqueous field duplicate pair MW-3R/Dup (attached table). Positive results for PFOS should be considered estimated in samples MW-3R and Dup.

Compound ID: Checked PFAS and surrogate results were within LC quantitation limits.

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Sequence: S4K2543
Instrument: LCQQQ
Calibration: SK40019

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-1R (24K1288-01)			Lab File ID: QQQ46640.d		Analyzed: 11/25/24 15:26			
M3PFBS	21.5	116	25 - 150	5.436617	5.35904	0.0776	+/-1.00	
M5PFHxA	23.1	134	25 - 150	6.223533	6.177932	0.0456	+/-1.00	
M4PFHpA	23.1	134	25 - 150	6.975083	6.973927	0.0012	+/-1.00	
M3PFHxS	21.9	120	25 - 150	7.066633	7.075877	-0.0092	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.1	131	25 - 150	7.5855	7.624527	-0.0390	+/-1.00	
M6PFDA	11.5	122	25 - 150	8.652083	8.707681	-0.0556	+/-1.00	
M7PFUdA	11.5	125	25 - 150	9.106167	9.148019	-0.0419	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.5	117	25 - 150	9.51265	9.549937	-0.0373	+/-1.00	
M2PFTeDA	11.5	154	10 - 150	10.22108	10.22913	-0.0080	+/-1.00	*
Perfluoro-n-[13C4]butanoic acid (MPFBA)	92.2	27.9	25 - 150	1.269067	1.2094	0.0597	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.1	118	25 - 150	8.17885	8.230512	-0.0517	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	46.1	125	25 - 150	4.634433	4.534963	0.0995	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.1	128	10 - 150	9.268283	9.300746	-0.0325	+/-1.00	
d3-N-MeFOSAA	46.1	130	25 - 150	8.8733	8.912935	-0.0396	+/-1.00	
d5-N-EtFOSAA	46.1	116	25 - 150	9.095917	9.13774	-0.0418	+/-1.00	
M2-6:2 FTS	43.9	180	25 - 200	7.538383	7.575445	-0.0371	+/-1.00	
M2-8:2 FTS	44.3	179	25 - 200	8.623484	8.683722	-0.0602	+/-1.00	
M9PFNA	11.5	114	25 - 150	8.142734	8.199452	-0.0567	+/-1.00	
M2-4:2 FTS	43.3	151	25 - 150	6.157217	6.11037	0.0468	+/-1.00	*
d-N-MeFOSA	23.1	134	25 - 150	10.09988	10.1091	-0.0092	+/-1.00	
d-N-EtFOSA	23.1	129	25 - 150	10.3925	10.37983	0.0127	+/-1.00	
M3HFPO-DA	92.2	145	25 - 150	6.494583	6.459854	0.0347	+/-1.00	
d9-N-EtFOSE	231	89.3	25 - 150	10.3531	10.33697	0.0161	+/-1.00	
d7-N-MeFOSE	231	83.9	25 - 150	10.06787	10.07592	-0.0081	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Sequence: S4K2543
Instrument: LCQQQ
Calibration: SK40019

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-3R (24K1288-02)			Lab File ID: QQQ46641.d		Analyzed: 11/25/24 15:42			
M3PFBS	23.4	120	25 - 150	5.436633	5.35904	0.0776	+/-1.00	
M5PFHxA	25.1	130	25 - 150	6.2328	6.177932	0.0549	+/-1.00	
M4PFHpA	25.1	128	25 - 150	6.9936	6.973927	0.0197	+/-1.00	
M3PFHxS	23.8	130	25 - 150	7.085117	7.075877	0.0092	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.1	127	25 - 150	7.5855	7.624527	-0.0390	+/-1.00	
M6PFDA	12.6	92.9	25 - 150	8.596467	8.707681	-0.1112	+/-1.00	
M7PFUdA	12.6	102	25 - 150	9.031917	9.148019	-0.1161	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.6	107	25 - 150	9.429367	9.549937	-0.1206	+/-1.00	
M2PFTeDA	12.6	89.3	10 - 150	10.14728	10.22913	-0.0818	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	101	22.8	25 - 150	1.269067	1.2094	0.0597	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.1	105	25 - 150	8.141133	8.230512	-0.0894	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.3	115	25 - 150	4.616034	4.534963	0.0811	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.1	111	10 - 150	9.194117	9.300746	-0.1066	+/-1.00	
d3-N-MeFOSAA	50.3	104	25 - 150	8.798217	8.912935	-0.1147	+/-1.00	
d5-N-EtFOSAA	50.3	98.4	25 - 150	9.02155	9.13774	-0.1162	+/-1.00	
M2-6:2 FTS	47.8	216	25 - 200	7.538383	7.575445	-0.0371	+/-1.00	*
M2-8:2 FTS	48.2	164	25 - 200	8.558617	8.683722	-0.1251	+/-1.00	
M9PFNA	12.6	119	25 - 150	8.114883	8.199452	-0.0846	+/-1.00	
M2-4:2 FTS	47.1	177	25 - 150	6.166467	6.11037	0.0561	+/-1.00	*
d-N-MeFOSA	25.1	96.9	25 - 150	10.0169	10.1091	-0.0922	+/-1.00	
d-N-EtFOSA	25.1	88.4	25 - 150	10.3188	10.37983	-0.0610	+/-1.00	
M3HFPO-DA	101	154	25 - 150	6.50385	6.459854	0.0440	+/-1.00	*
d9-N-EtFOSE	251	60.3	25 - 150	10.27018	10.33697	-0.0668	+/-1.00	
d7-N-MeFOSE	251	60.2	25 - 150	9.98505	10.07592	-0.0909	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Sequence: S4K2543
Instrument: LCQQQ
Calibration: SK40019

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-4R (24K1288-03)			Lab File ID: QQQ46642.d		Analyzed: 11/25/24 15:58			
M3PFBS	21.4	127	25 - 150	5.436617	5.35904	0.0776	+/-1.00	
M5PFHxA	22.9	139	25 - 150	6.223533	6.177932	0.0456	+/-1.00	
M4PFHpA	22.9	148	25 - 150	6.984334	6.973927	0.0104	+/-1.00	
M3PFHxS	21.7	138	25 - 150	7.075867	7.075877	0.0000	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	22.9	136	25 - 150	7.5855	7.624527	-0.0390	+/-1.00	
M6PFDA	11.5	112	25 - 150	8.624267	8.707681	-0.0834	+/-1.00	
M7PFUdA	11.5	110	25 - 150	9.087667	9.148019	-0.0604	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.5	102	25 - 150	9.494117	9.549937	-0.0558	+/-1.00	
M2PFTeDA	11.5	92.8	10 - 150	10.22105	10.22913	-0.0081	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	91.7	29.5	25 - 150	1.27825	1.2094	0.0689	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.0	115	25 - 150	8.160267	8.230512	-0.0702	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	45.9	132	25 - 150	4.625233	4.534963	0.0903	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	22.9	116	10 - 150	9.24045	9.300746	-0.0603	+/-1.00	
d3-N-MeFOSAA	45.9	104	25 - 150	8.835333	8.912935	-0.0776	+/-1.00	
d5-N-EtFOSAA	45.9	110	25 - 150	9.068117	9.13774	-0.0696	+/-1.00	
M2-6:2 FTS	43.6	211	25 - 200	7.529083	7.575445	-0.0464	+/-1.00	*
M2-8:2 FTS	44.0	155	25 - 200	8.5864	8.683722	-0.0973	+/-1.00	
M9PFNA	11.5	125	25 - 150	8.124166	8.199452	-0.0753	+/-1.00	
M2-4:2 FTS	43.0	185	25 - 150	6.157217	6.11037	0.0468	+/-1.00	*
d-N-MeFOSA	22.9	87.0	25 - 150	10.09065	10.1091	-0.0184	+/-1.00	
d-N-EtFOSA	22.9	85.4	25 - 150	10.38327	10.37983	0.0034	+/-1.00	
M3HFPO-DA	91.7	160	25 - 150	6.494583	6.459854	0.0347	+/-1.00	*
d9-N-EtFOSE	229	60.1	25 - 150	10.33465	10.33697	-0.0023	+/-1.00	
d7-N-MeFOSE	229	67.1	25 - 150	10.05862	10.07592	-0.0173	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Sequence: S4K2543
Instrument: LCQQQ
Calibration: SK40019

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-5R (24K1288-04)			Lab File ID: QQQ46645.d		Analyzed: 11/25/24 16:46			
M3PFBS	21.5	119	25 - 150	5.44585	5.35904	0.0868	+/-1.00	
M5PFHxA	23.1	110	25 - 150	6.242067	6.177932	0.0641	+/-1.00	
M4PFHpA	23.1	117	25 - 150	6.98435	6.973927	0.0104	+/-1.00	
M3PFHxS	21.9	117	25 - 150	7.075883	7.075877	0.0000	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.1	121	25 - 150	7.585516	7.624527	-0.0390	+/-1.00	
M6PFDA	11.5	94.9	25 - 150	8.6243	8.707681	-0.0834	+/-1.00	
M7PFUdA	11.5	103	25 - 150	9.078433	9.148019	-0.0696	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.5	111	25 - 150	9.503417	9.549937	-0.0465	+/-1.00	
M2PFTeDA	11.5	106	10 - 150	10.2303	10.22913	0.0012	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	92.3	27.4	25 - 150	1.27825	1.2094	0.0689	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.1	95.4	25 - 150	8.160283	8.230512	-0.0702	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	46.2	111	25 - 150	4.643633	4.534963	0.1087	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.1	94.2	10 - 150	9.24975	9.300746	-0.0510	+/-1.00	
d3-N-MeFOSAA	46.2	88.3	25 - 150	8.835366	8.912935	-0.0776	+/-1.00	
d5-N-EtFOSAA	46.2	84.2	25 - 150	9.077416	9.13774	-0.0603	+/-1.00	
M2-6:2 FTS	43.9	187	25 - 200	7.5291	7.575445	-0.0463	+/-1.00	
M2-8:2 FTS	44.3	131	25 - 200	8.5957	8.683722	-0.0880	+/-1.00	
M9PFNA	11.5	113	25 - 150	8.124184	8.199452	-0.0753	+/-1.00	
M2-4:2 FTS	43.3	158	25 - 150	6.166483	6.11037	0.0561	+/-1.00	*
d-N-MeFOSA	23.1	102	25 - 150	10.0999	10.1091	-0.0092	+/-1.00	
d-N-EtFOSA	23.1	113	25 - 150	10.39252	10.37983	0.0127	+/-1.00	
M3HFPO-DA	92.3	134	25 - 150	6.50385	6.459854	0.0440	+/-1.00	
d9-N-EtFOSE	231	71.3	25 - 150	10.3531	10.33697	0.0161	+/-1.00	
d7-N-MeFOSE	231	71.9	25 - 150	10.06788	10.07592	-0.0080	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Sequence: S4K2543
Instrument: LCQQQ
Calibration: SK40019

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Dup (24K1288-05)			Lab File ID: QQQ46646.d		Analyzed: 11/25/24 17:02			
M3PFBS	21.8	144	25 - 150	5.41785	5.35904	0.0588	+/-1.00	
M5PFHxA	23.4	144	25 - 150	6.204533	6.177932	0.0266	+/-1.00	
M4PFHpA	23.4	141	25 - 150	6.965833	6.973927	-0.0081	+/-1.00	
M3PFHxS	22.2	140	25 - 150	7.0574	7.075877	-0.0185	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.4	132	25 - 150	7.585516	7.624527	-0.0390	+/-1.00	
M6PFDA	11.7	120	25 - 150	8.652083	8.707681	-0.0556	+/-1.00	
M7PFUdA	11.7	118	25 - 150	9.11545	9.148019	-0.0326	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.7	113	25 - 150	9.540733	9.549937	-0.0092	+/-1.00	
M2PFTeDA	11.7	124	10 - 150	10.25792	10.22913	0.0288	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	93.5	27.9	25 - 150	1.287417	1.2094	0.0780	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.4	118	25 - 150	8.169583	8.230512	-0.0609	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	46.8	133	25 - 150	4.60685	4.534963	0.0719	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.4	130	10 - 150	9.27755	9.300746	-0.0232	+/-1.00	
d3-N-MeFOSAA	46.8	129	25 - 150	8.8733	8.912935	-0.0396	+/-1.00	
d5-N-EtFOSAA	46.8	119	25 - 150	9.1052	9.13774	-0.0325	+/-1.00	
M2-6:2 FTS	44.5	249	25 - 200	7.5291	7.575445	-0.0463	+/-1.00	*
M2-8:2 FTS	44.9	186	25 - 200	8.6235	8.683722	-0.0602	+/-1.00	
M9PFNA	11.7	129	25 - 150	8.14275	8.199452	-0.0567	+/-1.00	
M2-4:2 FTS	43.9	211	25 - 150	6.1381	6.11037	0.0277	+/-1.00	*
d-N-MeFOSA	23.4	111	25 - 150	10.12755	10.1091	0.0184	+/-1.00	
d-N-EtFOSA	23.4	112	25 - 150	10.42012	10.37983	0.0403	+/-1.00	
M3HFPO-DA	93.5	168	25 - 150	6.476067	6.459854	0.0162	+/-1.00	*
d9-N-EtFOSE	234	60.7	25 - 150	10.37152	10.33697	0.0345	+/-1.00	
d7-N-MeFOSE	234	72.2	25 - 150	10.09552	10.07592	0.0196	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Sequence: S4K2543
Instrument: LCQQQ
Calibration: SK40019

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Field Blank (24K1288-06)			Lab File ID: QQQ46647.d		Analyzed: 11/25/24 17:19			
M3PFBS	22.0	120	25 - 150	5.436617	5.35904	0.0776	+/-1.00	
M5PFHxA	23.6	121	25 - 150	6.2328	6.177932	0.0549	+/-1.00	
M4PFHpA	23.6	133	25 - 150	6.984334	6.973927	0.0104	+/-1.00	
M3PFHxS	22.4	124	25 - 150	7.066617	7.075877	-0.0093	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.6	132	25 - 150	7.5855	7.624527	-0.0390	+/-1.00	
M6PFDA	11.8	113	25 - 150	8.624267	8.707681	-0.0834	+/-1.00	
M7PFUdA	11.8	141	25 - 150	9.078383	9.148019	-0.0696	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.8	155	25 - 150	9.484867	9.549937	-0.0651	+/-1.00	*
M2PFTeDA	11.8	175	10 - 150	10.22105	10.22913	-0.0081	+/-1.00	*
Perfluoro-n-[13C4]butanoic acid (MPFBA)	94.5	2.41	25 - 150	1.27825	1.2094	0.0689	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.6	121	25 - 150	8.160267	8.230512	-0.0702	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.3	71.5	25 - 150	4.634433	4.534963	0.0995	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.6	134	10 - 150	9.24045	9.300746	-0.0603	+/-1.00	
d3-N-MeFOSAA	47.3	140	25 - 150	8.835333	8.912935	-0.0776	+/-1.00	
d5-N-EtFOSAA	47.3	131	25 - 150	9.068117	9.13774	-0.0696	+/-1.00	
M2-6:2 FTS	44.9	181	25 - 200	7.529083	7.575445	-0.0464	+/-1.00	
M2-8:2 FTS	45.4	152	25 - 200	8.595667	8.683722	-0.0881	+/-1.00	
M9PFNA	11.8	117	25 - 150	8.124166	8.199452	-0.0753	+/-1.00	
M2-4:2 FTS	44.3	188	25 - 150	6.157217	6.11037	0.0468	+/-1.00	*
d-N-MeFOSA	23.6	181	25 - 150	10.08142	10.1091	-0.0277	+/-1.00	*
d-N-EtFOSA	23.6	167	25 - 150	10.38327	10.37983	0.0034	+/-1.00	*
M3HFPO-DA	94.5	157	25 - 150	6.494583	6.459854	0.0347	+/-1.00	*
d9-N-EtFOSE	236	117	25 - 150	10.33465	10.33697	-0.0023	+/-1.00	
d7-N-MeFOSE	236	106	25 - 150	10.0494	10.07592	-0.0265	+/-1.00	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41619	Laboratory ID:	BK41619-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	75.6	72.0	95.3	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	154	142	92.7	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	150	160	107	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	152	157	103	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	800	707	88.4	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	800	805	101	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	160	98.8	61.8	50 - 150
9CL-PF3ONS	74.8	72.7	97.1	50 - 150
ADONA	75.6	70.1	92.8	50 - 150
HFPO-DA (Gen-X)	80.0	68.5	85.6	50 - 150
N-EtFOSA	40.0	41.3	103	50 - 150
N-EtFOSAA	40.0	39.4	98.5	50 - 150
N-EtFOSE	400	361	90.1	50 - 150
N-MeFOSA	40.0	37.5	93.6	50 - 150
N-MeFOSAA	40.0	40.4	101	50 - 150
N-MeFOSE	400	402	101	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	71.2	70.9	99.5	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	38.6	40.7	105	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	38.2	39.1	102	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	38.4	45.4	118	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	40.0	49.0	122	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	37.6	39.8	106	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	80.0	104	130	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	80.0	14.4	18.0 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	80.0	109	136	50 - 150
Perfluorobutanesulfonic acid (PFBS)	35.4	37.8	107	50 - 150
Perfluorodecanoic acid (PFDA)	40.0	37.3	93.4	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	38.8	38.3	98.7	50 - 150
Perfluorododecanoic acid (PFDoA)	40.0	42.6	107	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41619	Laboratory ID:	BK41619-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	40.0	48.0	120	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	36.6	40.5	111	50 - 150
Perfluorohexanoic acid (PFHxA)	40.0	40.3	101	50 - 150
Perfluoro-n-butanoic acid (PFBA)	160	135	84.2	50 - 150
Perfluorononanoic acid (PFNA)	40.0	51.8	130	50 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	37.0	99.6	50 - 150
Perfluorooctanoic acid (PFOA)	40.0	43.5	109	50 - 150
Perfluoropentanoic acid (PFPeA)	80.0	81.8	102	50 - 150
Perfluorotetradecanoic acid (PFTA)	40.0	40.8	102	50 - 150
Perfluorotridecanoic acid (PFTrDA)	40.0	37.9	94.8	50 - 150
Perfluoroundecanoic acid (PFUnA)	40.0	46.4	116	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Calibration: SK40019
Instrument: LCQQQ
Calibration Date: 11/12/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
11CL-PF3OUdS	1.291242	8.930213	9.396944	0.3644251		0.9999299	0.995	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.2414952	18.40779	8.684119	0.4900289		0.9997934	0.995	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.9917361	16.21792	6.109428	5.754885E-02		0.9993586	0.995	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.324825	16.24512	7.577358	0.4358664		0.9999482	0.995	
3-Perfluoroheptyl propanoic acid (FHpPA)	0.2718457	12.28075	8.357996	0.5212477		0.99987	0.995	
3-Perfluoropentyl propanoic acid (FPePA)	0.166656	10.5344	7.050373	0.2892338		0.9998995	0.995	
3-Perfluoropropyl propanoic acid (FPrPA)	2.901181E-02	5.126288	4.248895	0.4621968		0.9999356	0.995	
9CL-PF3ONS	2.163907	3.511112	8.545617	0.5030249		0.9999534	0.995	
ADONA	0.6491883	3.30709	7.099985	0.3265494		0.9999678	0.995	
d3-N-MeFOSAA	1.826946	8.255609	8.912935	0.4506586			20	
d5-N-EtFOSAA	1.612064	9.359104	9.13774	0.4031581			20	
d7-N-MeFOSE	0.1389993	6.651079	10.07592	0.2267786			20	
d9-N-EtFOSE	6.671789E-02	7.987963	10.33697	0.2009772			20	
d-N-EtFOSA	0.1374316	10.66002	10.37983	0.2122945			20	
d-N-MeFOSA	0.2307316	11.89163	10.1091	0.2439405			20	
HFPO-DA (Gen-X)	2.772941E-02	9.789716	6.461246	0.1866227		0.9999179	0.995	
M2-4:2 FTS	6.58723	6.566946	6.11037	1.270995E-02			20	
M2-6:2 FTS	3.617386	13.69098	7.575445	0.4188256			20	
M2-8:2 FTS	5.644338	11.90453	8.683722	0.490109			20	
M2PFTeDA	0.7307806	17.26421	10.22913	0.2123089			20	
M3HFPO-DA	0.2546662	12.45618	6.459854	0.1262429			20	
M3PFBS	5.038202	4.210197	5.35904	0.242498			20	
M3PFHxS	3.554613	7.734285	7.075877	0.369553			20	
M4PFHpA	0.3670964	9.333412	6.973927	0.2785792			20	
M5PFHxA	1.716595	8.112662	6.177932	5.466945E-02			20	
M6PFDA	1.701104	17.67848	8.707681	0.4690976			20	
M7PFUdA	2.19038	11.60707	9.148019	0.3877029			20	
M9PFNA	0.348875	12.0584	8.199452	0.4649472			20	
N-EtFOSA	1.269058	12.00712	10.38775	0.1893462		0.9997423	0.995	
N-EtFOSAA	0.8907927	7.247681	9.147423	0.4029442		0.9999136	0.995	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Calibration: SK40019
Instrument: LCQQQ
Calibration Date: 11/12/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
N-EtFOSE	1.853826	11.2699	10.35591	0.2006563		0.9992092	0.995	
N-MeFOSA	0.9263772	16.99327	10.12008	0.2196196		0.9996694	0.995	
N-MeFOSAA	0.8920632	5.190186	8.916615	0.4262081		0.9999407	0.995	
N-MeFOSE	0.8853715	11.00633	10.09293	0.206941		0.9999373	0.995	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.365395	4.302975	5.89196	7.392788E-02		0.9999186	0.995	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	1.754211	8.323531	9.300746	0.3953584			20	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	0.512041	6.751001	8.230512	0.487963			20	
Perfluoro-1-decanesulfonic acid (PFDS)	0.8784011	8.973754	9.150136	0.4006528		0.9998146	0.995	
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.481311	7.360638	7.684058	0.4648253		0.9998234	0.995	
Perfluoro-1-nonanesulfonic acid (PFNS)	0.1989712	5.947743	8.724831	0.4782492		0.9999569	0.995	
Perfluoro-1-octanesulfonamide (FOSA)	1.435029	6.143788	9.302117	0.3731236		0.9997574	0.995	
Perfluoro-1-pentanesulfonate (PFPeS)	1.250521	10.34646	6.384052	7.868512E-02		0.9999542	0.995	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.040558E-03	17.19162	6.033119	7.210146E-02		0.9944	0.995	*
Perfluoro-4-oxapentanoic acid (PFMPA)	0.3472486	1.629814	2.073817	1.112365		0.9999952	0.995	
Perfluoro-5-oxahexanoic acid (PFMBA)	0.4236384	3.755537	5.324046	0.2620411		0.9999937	0.995	
Perfluorobutanesulfonic acid (PFBS)	1.055324	6.515857	5.359802	0.2421003		0.9999477	0.995	
Perfluorodecanoic acid (PFDA)	1.021241	10.04895	8.712255	0.4905964		0.999823	0.995	
Perfluorododecanesulfonic acid (PFDoS)	0.3893983	8.807095	9.896987	0.2624331		0.9996884	0.995	
Perfluorododecanoic acid (PFDoA)	0.767648	11.97856	9.550196	0.3632187		0.9974359	0.995	
Perfluoroheptanoic acid (PFHpA)	3.089486	8.119017	6.975325	0.2924111		0.9990063	0.995	
Perfluorohexanesulfonic acid (PFHxS)	1.093402	6.540377	7.076369	0.3275355		0.9999367	0.995	
Perfluorohexanoic acid (PFHxA)	1.112048	4.489623	6.178352	9.924688E-03		0.9997389	0.995	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.833641	13.9398	9.549937	0.3558094			20	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	2.795272	6.016177	1.2094	1.517969			20	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	1.714005	8.223908	4.534963	0.4432949			20	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	0.9366673	3.286162	7.624527	0.4447432			20	
Perfluoro-n-butanoic acid (PFBA)	0.9041842	3.611715	1.208246	1.790264		0.9998631	0.995	
Perfluorononanoic acid (PFNA)	2.938023	12.92394	8.200019	0.5073708		0.9997289	0.995	
Perfluorooctanesulfonic acid (PFOS)	2.458795	9.124698	8.233912	0.4713707		0.9998515	0.995	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Calibration:	SK40019	Instrument:	LCQQQ
		Calibration Date:	11/12/24 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Perfluorooctanoic acid (PFOA)	1.207555	12.04184	7.623767	0.4255165		0.9994228	0.995	
Perfluoropentanoic acid (PFPeA)	1.03194	3.21483	4.535802	0.4565445		0.999995	0.995	
Perfluorotetradecanoic acid (PFTA)	0.9579242	5.380246	10.22965	0.2228948		0.9998983	0.995	
Perfluorotridecanoic acid (PFTrDA)	1.303897	8.997029	9.915106	0.281936		0.9999444	0.995	
Perfluoroundecanoic acid (PFUnA)	0.7293247	7.927383	9.14744	0.3879296		0.9998571	0.995	

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of RCRA Metals Data for
York Analytical Laboratories, Inc., SDG: 24K1288

4 Ground Water Samples and 1 Field Duplicate
Collected November 15, 2024

Prepared by: Donald Anné
January 9, 2025

Holding Times: Samples were analyzed within the USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recovery (%R) for barium was above control limits (90-110%), but not above 150% for S4K2502-CCV3. Positive results for barium should be considered estimated biased, high (J+) in associated samples.

The %Rs for barium and cadmium were below control limits (90-110%), but not below 50% for S4K2502-CCV2. Positive results for barium and cadmium should be considered estimated biased, low (J-) and "not detected" results estimated (UJ) in associated samples.

CRDL Standard: The percent recoveries for applicable metals were within laboratory QC limits for the CRDL sample.

Blanks: Aqueous preparation blanks reported target metals as not detected.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits for the interference check samples

Spike Sample Recovery: The percent recoveries for applicable metals were within control limits (75-125%) for aqueous spike samples MW-4R.

Laboratory Duplicate: The relative percent difference for selenium was above the allowable maximum (20%) for aqueous duplicate sample MW-4R. Positive results for selenium should be considered estimated (J) in associated aqueous samples.

Field Duplicates: The relative percent differences for applicable metals were below the allowable maximum (20%) for aqueous field duplicate pair MW-3R/Dup (attached table), as required.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Laboratory Control Sample: The percent recovery for cadmium was below control limits for aqueous sample BK41344-BS1. Positive results for cadmium should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated aqueous samples.

Serial Dilution: The %D for selenium was above the allowable maximum (10%) for aqueous serial dilution sample MW-4R. Positive results for selenium that are above the RLs should be considered estimated (J) in associated aqueous samples.

Detection Limits: The LODs were at or below POQs, as required.

DUPLICATES

EPA 6020B

MW-4R

Laboratory: York Analytical Laboratories, Inc. - Stratford
Client: HRP Associates, Inc.
Matrix: Water
Batch: BK41344
Preparation: EPA 3015A
Source Sample Name: MW-4R

SDG: 24K1288
Project: 7-11 Johnes St. / NEW6312.RA
Laboratory ID: BK41344-DUP1
Lab Source ID: 24K1288-03
Initial/Final: 45 mL / 50 mL
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ug/L)	C	DUPLICATE CONCENTRATION (ug/L)	C	RPD %	Q	METHOD
Arsenic	20	1.63		1.81		10.8		EPA 6020B
Barium	20	246		239		3.10		EPA 6020B
Cadmium	20	ND		ND				EPA 6020B
Chromium	20	ND		1.28				EPA 6020B
Lead	20	ND		ND				EPA 6020B
Selenium	20	7.77		4.99		43.5	*	EPA 6020B
Silver	20	ND		ND				EPA 6020B

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 6020B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	24K1288
Client:	HRP Associates, Inc.	Project:	7-11 Johnes St. / NEW6312.RA
Matrix:	Water		
Batch:	BK41344	Laboratory ID:	BK41344-BS1
Preparation:	EPA 3015A	Initial/Final:	45 mL / 50 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Arsenic	50.0	51.9	104	80 - 120
Barium	50.0	42.4	84.8	80 - 120
Cadmium	50.0	38.4	76.8 *	80 - 120
Chromium	50.0	52.9	106	80 - 120
Lead	50.0	48.1	96.2	80 - 120
Selenium	50.0	47.1	94.2	80 - 120
Silver	50.0	47.0	93.9	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

SERIAL DILUTION

EPA 6020B

MW-4R

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Matrix: Water
Laboratory ID: S4K2502-SRD1
Sequence: S4K2502
Lab Source ID: 24K1288-03
Preparation: BK41344
Initial/Final: 45 / 50
Source Sample Name: MW-4R
% Solids:

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Arsenic	1.63		ND				EPA 6020B	15
Barium	246		225		8.52		EPA 6020B	15
Cadmium	ND		ND				EPA 6020B	15
Chromium	ND		ND				EPA 6020B	15
Lead	ND		ND				EPA 6020B	15
Selenium	7.77		18.3		135		EPA 6020B	200
Silver	ND		ND				EPA 6020B	15

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 24K1288
Client: HRP Associates, Inc.
Project: 7-11 Johnes St. / NEW6312.RA
Instrument ID: Nexion2000C
Calibration: 11/22/24
Control Limt: +/- 10.00%
Sequence: S4K2502

Lab Sample ID	Analyte	True	Found	%R		Units	Method
S4K2502-ICV1	Arsenic	50.0	50.2	100		ug/L	EPA 6020B
	Barium	50.0	47.0	94.1		ug/L	EPA 6020B
	Cadmium	50.0	48.2	96.4		ug/L	EPA 6020B
	Chromium	50.0	48.9	97.9		ug/L	EPA 6020B
	Lead	50.0	49.0	98.0		ug/L	EPA 6020B
	Selenium	50.0	38.4	76.8		ug/L	EPA 6020B
	Silver	50.0	47.9	95.8		ug/L	EPA 6020B
S4K2502-CCV1	Arsenic	50.0	49.8	99.7		ug/L	EPA 6020B
	Barium	50.0	46.0	92.0		ug/L	EPA 6020B
	Cadmium	50.0	44.8	89.6	*	ug/L	EPA 6020B
	Chromium	50.0	49.8	99.7		ug/L	EPA 6020B
	Lead	50.0	50.1	100		ug/L	EPA 6020B
	Selenium	50.0	53.3	107		ug/L	EPA 6020B
	Silver	50.0	46.2	92.3		ug/L	EPA 6020B
S4K2502-CCV2	Arsenic	50.0	49.5	99.0		ug/L	EPA 6020B
	Barium	50.0	42.7	85.3	*	ug/L	EPA 6020B
	Cadmium	50.0	43.4	86.9	*	ug/L	EPA 6020B
	Chromium	50.0	48.5	97.1		ug/L	EPA 6020B
	Lead	50.0	51.9	104		ug/L	EPA 6020B
	Selenium	50.0	55.2	110		ug/L	EPA 6020B
	Silver	50.0	47.8	95.6		ug/L	EPA 6020B
S4K2502-CCV3	Arsenic	50.0	48.8	97.6		ug/L	EPA 6020B
	Barium	50.0	61.4	123	*	ug/L	EPA 6020B
	Cadmium	50.0	53.8	108		ug/L	EPA 6020B
	Chromium	50.0	49.6	99.2		ug/L	EPA 6020B
	Lead	50.0	51.7	103		ug/L	EPA 6020B
	Selenium	50.0	59.2	118		ug/L	EPA 6020B
	Silver	50.0	48.6	97.1		ug/L	EPA 6020B
S4K2502-CCV4	Arsenic	50.0	49.3	98.6		ug/L	EPA 6020B
	Barium	50.0	52.0	104		ug/L	EPA 6020B
	Cadmium	50.0	47.3	94.5		ug/L	EPA 6020B
	Chromium	50.0	49.9	99.7		ug/L	EPA 6020B
	Lead	50.0	52.0	104		ug/L	EPA 6020B
	Selenium	50.0	46.8	93.6		ug/L	EPA 6020B
	Silver	50.0	49.1	98.3		ug/L	EPA 6020B

* Values outside of QC limits

Field Duplicate Calculation Section

Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 24K1288

S1= MW-3R **S2=** Dup

Analyte	S1	S2	RPD (%)	
1,2,4-Trimethylbenzene	32.2	31	4%	
1,2-Dichlorobenzene	0.52	0.52	0%	
1,3,5-Trimethylbenzene	1.37	1.29	6%	
Acetone	1.92	1.87	3%	
Acrolein	1.1	1.47	29%	*
cis-1,2-Dichloroethylene	0.69	0.68	1%	
Ethyl Benzene	1.26	1.23	2%	
Isopropylbenzene	61.9	77	22%	*
Methylcyclohexane	1.66	1.58	5%	
n-Butylbenzene	33.5	32.2	4%	
n-Propylbenzene	139	148	6%	
sec-Butylbenzene	59.2	55.6	6%	
tert-Butylbenzene	11.2	10.4	7%	

* RPD is above the allowable maximum 20%.

Results are in units of ug/L.

Bold numbers were values that are below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

Semi-Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 24K1288

S1= MW-3R **S2=** Dup

Analyte	S1	S2	RPD (%)	
Naphthalene (SIM)	0.940	0.430	74%	*

* RPD is above the allowable maximum 20%.

Results are in units of ug/L.

Bold numbers were values that are below the CRQL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

EPA Method 1633 PFC

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 24K1288

S1= MW-3R **S2=** Dup

Analyte	S1	S2	RPD (%)	
Perfluorobutanesulfonic acid (PFBS)	9.52	9.52	0%	
Perfluorohexanoic acid (PFHxA)	14.6	14.5	1%	
Perfluoroheptanoic acid (PFHpA)	8.97	8.14	10%	
Perfluorohexanesulfonic acid (PFHxS)	17.1	21.2	21%	
Perfluorooctanoic acid (PFOA)	21.4	22.7	6%	
Perfluorooctanesulfonic acid (PFOS)	60.9	24.4	86%	*
Perfluorononanoic acid (PFNA)	**1.78**	**1.71**	NC	
N-EtFOSAA	**1.59**	2.3	NC	
Perfluoropentanoic acid (PFPeA)	21	20	5%	
Perfluoro-1-heptanesulfonic acid (PFHpS)	**1.25**	**1.12**	NC	
Perfluoro-n-butanoic acid (PFBA)	11.1	9.56	15%	
Perfluoro-1-pentanesulfonate (PFPeS)	2.64	2.97	12%	

* RPD is above the allowable maximum 20%.

Results are in units of ng/L.

Bold numbers were values that are below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

RCRA Metals

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. 24K1288

S1= MW-3R **S2=** Dup

Analyte	S1	S2	RPD (%)
arsenic	4.02	4.3	7%
barium	199	169	16%
cadmium	ND	ND	NC
chromium	ND	ND	NC
lead	1.26	1.2	5%
selenium	ND	3.5	NC
silver	ND	ND	NC

* RPD is above the allowable maximum 20%.

Results are in units of ug/L.

Bold numbers were values that are below the CRDL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.