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October 30, 2025 (Revised January 23 and April 2, 2026) *Via Email

Ms. Greta Kowalski, P.G.
Professional Geologist I
New York State Department of Environmental Conservation
Division of Environmental Remediation
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Re: Interim Remedial Measures Work Plan (Updated)
Sky Harbour North Hangar
Hudson Valley Regional Airport, Town of Wappinger, Dutchess County
BCP Site ID No.: C314129
C.T. Male Project No.: 18.8090

Dear Ms. Kowalski:

On behalf of the Dutchess County Department of Public Works (the Owner), C.T. Male Associates Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. (C.T. Male) has prepared this Interim Remedial Measures (IRM) Work Plan pursuant to the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) for the property known as the Hudson Valley Regional Airport, in the Town of Wappinger, Dutchess County, New York (herein "the Site"). The NYSDEC accepted the Site into the BCP on October 15, 2024, as BCP Site No. C314129, to address per- and polyfluoroalkyl substance (PFAS) impacts.

The purpose of this IRM Work Plan (WP) is to provide the general means and methods for management of volatile organic compounds (VOCs) in soil gas and PFAS-impacted soil, sediment and groundwater within localized portions of the overall project area during planned construction activity of two (2) hangars that could include excavation, grading, and moving of construction-derived waste (CDW) soil. The IRM WP is intended to be protective of site workers, the public, and the environment during construction and subsequent operation of these new hangars. This IRM should not be viewed as a construction work plan relative to the development as that would not fall subject to the BCP. In general, the impacted soil, sediment and water removal and handling described in this IRM WP is to facilitate the installation of building foundations, utilities, etc. Removal of site media beyond areas of proposed construction is not required.

The IRM activities proposed in this work plan will be observed by a Qualified Environmental Professional (QEP) as defined by 6 NYCRR 375-1.2(ak), who will be working under direct supervision of a New York State licensed Professional Engineer, as defined at 6 NYCRR 375-1.2(aj) and paragraph 1.3(b)47 (herein referred to as the environmental professional engineer (EPE)). The EPE, will be certifying the environmental remedial measures proposed herein. The QEP, as part of environmental observation activities, will be responsible for screening project soil for Field Evidence of Contamination (FEC) to determine environmental suitability for on-site reuse. The QEP and the EPE can be the same firm or with proper coordination can be separate.

A New York State registered design professional supervising construction (not C.T. Male) for the entire project, herein referred to as the RDP, will be responsible for approval of soil for on-site re-use as backfill based on the engineering characteristics of the soil (e.g. grain size, weight bearing capacity, etc.). Both the RDP and the QEP will be required to approve soil for on-site re-use as backfill based on engineering and environmental characteristics, respectively. Only material approved by NYSDEC for reuse will be used on site. If additional material is needed to bring the site to grade, or for any other on-site purposes, the material will be requested and approved by NYSDEC Prior to actual use of site soil as backfill, the soil may require analytical testing (to augment existing data) as determined by NYSDEC approval using the Request for Import/Reuse Fill or Soil form available at *https://dec.ny.gov/sites/default/files/2025-03/requesttoreusesoil.pdf.*

Site Description

The airport Site is located at 18 Griffith Way in the Town of Wappinger, Dutchess County, New York. The Site is approximately 510.8 acres and is identified with tax map number 135689-6259-03-225301-0000 on the Town of Wappinger tax maps. Refer to Exhibit 1 – Parcel Lines. The construction disturbance area (CDA), and entire site, are zoned as Airport Industry (AI). The CDA is proposed in the northern portion of the Site, immediately south of Citation Drive. Refer to Figure 1 – *Site Location Map,* Figure 2 - *IRM Work Areas with Existing Features and Proposed Delineation Soil Borings*, and Figure 3 - *IRM Work Areas with Proposed Features and Proposed Delineation Soil Borings* in Attachment A.

The CDA consists of two (2) proposed hangars and associated aprons: Hangar 1, Hangar 2, a general access (G.A.) apron, and an apron south of the proposed hangars abutting existing Taxiway D. Foundation Plans and Site/Utility Permit Drawings for the North Sky Harbour Hangar facilities are included in Exhibit 2. The proposed CDA is comprised of Work Area 1 and Work Area 2, as depicted in Figures 2 and 3.

Each proposed hangar measures 269 feet by 156 feet. The apron south of the proposed hangars is roughly rectangular and measures 569 feet by 171 feet. The rectangular-shaped apron north of the proposed hangars is 569 feet by 52 feet. An additional portion of this apron extends north 73 feet for additional parking and general access purposes. Excavation associated with construction of the proposed hangars will generally be limited to the upper four to eight feet of soil across the project area, with select features such as the directional drilling pits for the water main (approximate excavation depth of 10 feet below ground surface (bgs)) and the stormwater drainage suspended solids separator (approximate excavation depth of 17 feet bgs) which will be excavated deeper than eight (8) feet bgs.

The foundations of both proposed hangars will be slab-on-grade with a typical spread footing foundation design. The reinforced concrete slab for the two (2) hangars will be 12.5 inches thick and the reinforced concrete slab for the office areas will be five inches thick. Below the reinforced concrete slab of each hanger, a 15-millimeter Stego Wrap vapor barrier (or equivalent) will be installed to protect the concrete slab from moisture and inhibit soil vapor intrusion. A 6-inch layer of clean crushed stone will be placed below the vapor barrier to allow for drainage and uniform bearing. The hangar walls will be metal, enclosing a wide-open working space, with enclosed office space within each hangar along the north wall, with ancillary associated utilities for heating and cooling. Potable water will be provided from the existing municipal/public water supply for the Site and sanitary waste management will be provided by an underground septic tank and leach field disposal system.

Construction of a retaining wall is proposed along the west extent of the apron north of the hangars, continuing along the west wall of Hangar 1, and along the proposed west extent of the apron south of the hangars. Portions of the project area will be regraded, and the above grade portion of the proposed retaining wall will be less than four (4) feet above the new finished grade as depicted on drawing C-201 in Exhibit 2.

Two (2) stormwater infiltration basins, a septic tank, and a hydrodynamic suspended solids separator (stormwater drainage) are proposed within CDA Work Area 1. The largest infiltration basin/bioretention area, referred to as ADS MTD-2, is proposed north of proposed Hangar 2 and will consist of 6-inch underdrain piping installed beneath filter media and planted growth media. The underdrain is connected to the overflow catch basin and a control structure (Refer to drawings C-551 and C-552 in Exhibit 2). The second infiltration basin will be located east of Hangar 2 and will consist of underdrain piping

embedded in pea gravel, installed beneath filter media and growth media containing plantings.

A septic tank and associated sanitary subsurface disposal system are proposed north of Hangar 2. The septic tank will be 8.5 feet in length, 5.5 feet in width, and installed about six (6) feet bgs. The five (5) sanitary subsurface disposal system trenches will be 60 feet in length, two (2) feet wide, and less than approximately three (3) feet in depth with trenches spaced four (4) feet apart.

An oil/water separator (OWS) is proposed north of proposed Hangar 2 within the G.A. apron and will be built with mild carbon steel and gauged based on a 60-inch (maximum) burial depth. Work Area 2 includes construction associated with the water main connection. A new 8-inch diameter PVC water main will be installed between the existing water valve southeast of Work Area 1 south of Taxiway D and the proposed hangars. One (1) pit will be excavated on either side of Taxiway D, to a depth of approximately 10 feet bgs to facilitate directional drilling and installation of the water main beneath the subject taxiway. The depth of trenching for the majority of the proposed water main is approximately seven (7) feet bgs.

This IRM WP focuses on the CDA impacted by proposed construction for the Sky Harbour North Hangars and appurtenances, scheduled to begin on/or about January or February of 2026. The IRM includes management of soil found to contain PFAS concentrations in excess of NYSDEC's interim guidance values for NYSDEC Unrestricted Use and Protection of Groundwater; sediment found to contain PFAS; groundwater found to contain PFOS or PFOA at respective concentrations exceeding Class GA Ambient Groundwater Guidance Values; and soil gas found to contain elevated volatile organic compounds (VOCs).

The IRM components proposed for the Site include the following:

1. Pre-IRM soil delineation sampling will be conducted in four (4) hot-spot areas (PCI-B02, PCI-B-04, PCI-B-12, and PCI-B-28) where exceedances of PFOS were identified to support remedy selection, establish excavation limits, and define end-point soil conditions.
2. A soil sampling will be collected under the existing Whitefield hangar, after it is demolished.
3. Excavation, temporary stockpiling, and off-site disposal at a permitted transfer, storage and disposal facility (TSDF) of PFAS-containing sediment

from within stormwater drainage piping, catch basins, and manhole structures scheduled for removal, and from within a stormwater outfall scheduled for replacement.

4. Management of PFAS-containing water, to include excavation dewatering fluid, water contained within stormwater drainage piping, manhole and catch basin structures scheduled for demolition, water produced during sediment removal, and equipment decontamination water. This water will be disposed of at a permitted TSDF.
5. Management of PFAS soil, to include excavation, temporary stockpiling and off-site disposal at a TSDF of soil exhibiting a PFAS concentration exceeding interim guidance values for NYSDEC Unrestricted Use and Protection of Groundwater, and on-site reuse as backfill/grading of CDA soil that exhibits a PFOA or PFOS soil concentration that is below its respective interim guidance values for NYSDEC Unrestricted Use and Protection of Groundwater.
6. Removal and off-site recycling of asphalt and associated asphalt subbase at a permitted reclamation facility.
7. Installation of passive soil Vapor Intrusion Mitigation (VIM) measures in both hangars during building construction including sub-slab soil vapor membranes and passive sub-slab soil gas ventilation systems as warranted.
8. Community air monitoring during ground intrusive activities and disturbance (including relocation and load-out) of construction derived waste soil.

Pre-IRM Soil Delineation Sampling

Pre-IRM soil delineation sampling will be conducted in four (4) hot-spot areas (PCI-B02, PCI-B-04, PCI-B-12, and PCI-B-28) where exceedances of PFOS were identified to support remedy selection, establish excavation limits, and define end-point soil conditions. A total of 40 borings will be advanced using hand-held equipment, as shown on Figures 2 and 3, to systematically delineate PFAS-impacted soil by off-setting new soil borings 10 feet, 30 feet, and 50 feet from previously sampled locations exhibiting exceedances of PFOS SCOs. In addition, soil sampling will be conducted under the Whitefield hangar. The boring locations are approximate and will be adjusted in the field based on utility location information, access constraints, active airport operations, and potential obstructions. Where required (e.g., taxi lane edge lighting, gas line offsets), certain boring locations (e.g., B 28A, B 02I) may be shifted or omitted to maintain safe clearances. All boring

locations will be field-located using GIS and cleared against airport utility mapping before mobilization

The soil borings will be advanced to a depth of 2 feet below ground surface. Soil samples will be collected from each borings at depths of 0 to 0.17 ft-bgs, 0.17 to 1 ft-bgs, and 1 to 2 ft-bg in conformance with NYSDEC Sampling, Analysis, and Assessment of Per- and polyfluoroalkyl substances (PFAS) Guidance dated April 2023. These shallow intervals were selected based on prior site conditions and the typical surface-level distribution of PFAS residues associated with historical releases. In addition, QA/QC samples will be collected in conformance with the Quality Assurance Project Plan (QAPP) for the Site. All soil samples will be submitted to a NYSDOH ELAP-certified laboratory for PFAS analysis.

Initially a total of 51 soil samples collected from the 10 ft off-set borings at each of the four (4) hot-spot areas (primary data set) including a sample to be collected beneath the Whitefield hangar will analyzed for PFAS in accordance with EPA Method 1633. Soil samples collected from the remaining 30 foot and 50 foot off-set borings (secondary data set) will be prepped and held at the laboratory pending results of primary data set. The hold soil samples collected from the secondary data set will only be analyzed if samples from the primary data set indicate the need for further lateral delineation or confirmation of remedial excavation end-points. This tiered approach reduces analytical costs while ensuring adequate coverage for end-point delineation.

Prior to IRM field activities, C.T. Male will provide a tabular summary of the Pre-IRM soil sampling data compared to the NYSDEC SCOs for protection of groundwater, and a spider map depicting sample results to the NYSDEC. The soil spider map will define the extents of soil IRM. The final laboratory data, and Data Usability Summary Report (DUSR) will be presented in a CCR for the IRM. In addition, the validated data will be uploaded to the NYSDEC Environmental Quality Information System (EQuIS).

<u>Management of PFAS Containing Sediment and Water</u>

Sediment and water will require special management during this project due to impacts by PFOA and PFOS. These materials will be managed as follows:

PFAS Water Management

PFOA and/or PFOS concentrations were detected in groundwater above Class GA AQS. Water management practices will pertain to PFOA or PFOS-impacted groundwater.

The contractor will employ measures to prevent surface stormwater from entering open excavations. Precipitation may occur during construction that may accumulate in open excavations whereby it will be allowed to be absorbed into the soil whenever possible. Management of stormwater that may also accumulate in the stormwater drainage system, and groundwater that may infiltrate excavations, is described below. Stormwater and groundwater management includes water removed from stormwater drainage piping and associated structures (three (3) catch basins and two (2) manholes) scheduled for demolition, water generated during excavation dewatering in the CDA as needed, water produced during excavation of stormwater outfall sediment, and water produced during the decontamination of equipment.

Groundwater may be encountered during excavation at depths greater than eight (8) feet in portions of the CDA, including, but not limited to, the area of the proposed stormwater drainage suspended solids stormwater separator. Groundwater entering the excavations will be evacuated and transferred into a temporary weir tank or frac tank to the extent necessary to perform the required construction. If limited in volume, this groundwater may be evacuated via use of a vacuum (VAC) truck and transported for off-site disposal at an approved TSDF. The Contractor will be required to provide disposal facility permits, bills of lading, manifests, weigh tickets, etc. as applicable, to the Owner's QEP for inclusion in the Construction Closure Report (CCR).

A portion of the stormwater drainage system will be removed during this project, to include underground drainage piping, three (3) catch basins, two drainage manholes, and an outfall. Water and sediment may be removed from the stormwater drainage piping and associated drainage structures scheduled for demolition via VAC truck. This material will either be transported directly to an off-site permitted TSDF for disposal or water may be separated from the sediment through use of an on-site weir tank or frac tank or absorbed via drying agent amendments. Water accumulated in weir tanks or frac tanks will be disposed of off-site at a permitted TSDF or treated through an on-site treatment system.

If on-site discharge of treated water is proposed by the Construction Contractor (on-site discharge location to be evaluated by the Owner and RDP, and ultimately approved by

NYSDEC), treatment will be implemented for this PFAS containing water unless laboratory testing has demonstrated that groundwater contaminant concentrations meet effluent State Pollution Discharge Elimination System (SPDES) discharge limits. All on-site discharge must be approved in writing by both the RDP and the NYSDEC. The Contractor will be required to comply with treatment system effluent testing requirements and effluent discharge regulations, including but not limited to SPDES general permit requirements in consultation with the NYSDEC. The Contractor will be responsible for obtaining all required permits and performing all required effluent treatment and testing prior to discharge of water on-site. The Contractor will provide the QEP and RDP with the dewatering treatment system design and associated sampling plan for approval, a minimum of fifteen business days prior to proposed groundwater treatment. Release of on-site treated water will not be allowed without a treatment system design and sampling plan approved in advance by the NYSDEC.

Proposed work within the stormwater drainage piping outfall is expected to generate only a minimal volume of water since it is presumed that the existing stormwater drainage piping will be diverted upstream of the outfall to bypass the outfall during replacement work. If excavation dewatering is required for a portion of this work (e.g. sediment removal), the water will be managed as described above.

PFAS Sediment Management

Sediment will be removed for off-site disposal from within two (2) areas of the CDA due to the presence of detectable PFAS. This sediment will be disposed of off-site at a permitted TSDF and will not be allowed for on-site reuse as backfill. Sediment removal areas include:

Area SED1: PFAS Sediment Management for Replacement of Stormwater Drainage Outfall Replacement North of Citation Drive (Area of boring SED-1):

PFAS-impacted sediment from within the stormwater outfall discharge area scheduled for replacement north of Citation Drive (refer to Figures 2 and 3). Sediment at this location contains detectable concentrations of PFAS. No current standards, criteria or guidance (SCG) exist for PFAS in sediment. The upper 0.5 feet of sediment in this area will be removed, sufficiently dewatered (as determined by the QEP or RDP) and disposed of off-site as PFAS-impacted. Rocks larger than six (6) inches in diameter encountered during excavation will be segregated from the excavated sediment. The Contractor will use reasonable means to remove adhered sediment from these materials by rolling them with

the excavator bucket and by using hand-tools as necessary. This rock material will be stockpiled separately from the PFAS-impacted sediment and will be disposed of as unregulated material as approved by NYSDEC or managed on-Site if approved by the Owner.

Area SED2: PFAS Sediment Management for Removal of Stormwater Drainage Piping, Associated Stormwater Drainage Manholes (2) and Catch Basins (3), and Tank and/or Frac Tank Sediment:

Sediment removed from the stormwater drainage system and weir tanks and/or frac tanks will be sufficiently dewatered to the satisfaction of the QEP or RDP and disposed of off-site at a permitted TSDS as PFAS-impacted material. This solid material is ineligible for on-site re-use. Sediment volume from the stormwater drainage system has been estimated at 6 CY. Sediment volume from weir tanks or frac tanks from handling of water has been estimated at 3 CY.

Management of PFAS Containing Soil by Area

Soil will be removed for off-site disposal at a TSDF from within six (6) portions of the CDA due to PFOS detections in soil at concentrations above the NYSDEC Unrestricted Use and/or Protection of Groundwater interim guidance values; as follows:

- Area S1: Excavation of soil during trenching from the northern edge of Citation Drive to the base of the stormwater outfall to replace the stormwater drainage piping and outfall.
- Area S2: Excavation of soil for installation of stormwater drainage piping and a stormwater suspended solid separator.
- Area S3: Excavation of soil during regrading and drainage swale installation east of Hangar 2.
- Area S4: Excavation of soil during trenching for installation of Taxiway D South Edgeway Lighting.
- Area S5: Excavation of soil at the proposed south direction drilling pit location.
- Area S6: Excavation of soil for installation of water line trenching southeast of the south directional drilling pit.

The proposed Pre-IRM soil delineation sampling locations and the previous PCI soil borings have been included on the IRM drawings to allow cross referencing of proposed soil removal areas with areas of PFAS detection. Detailed information and figures depicting PCI sampling and results are provided in the PCI report prepared by C.T. Male

dated October 27, 2025, submitted under separate cover. The IRM soil removal areas proposed below will remove soil scheduled for excavation within the CDA that exhibits PFOA and/or PFOS at concentrations above the respective NYSDEC Unrestricted Use and/or Protection of Groundwater interim guidance values. PFAS-impacted soil management procedures by area are detailed below:

Area S1: PFAS Soil Management for Replacement of Stormwater Drainage Piping and Outfall Replacement North of Citation Drive (Area of boring PCI-B-02)

Soil will be excavated north of Citation Drive to replace stormwater drainage piping and an outfall (refer to Figures 2 and 3); this excavated material will require removal and off-site disposal. Surface soil (0 - 0.17 feet bgs) in this portion of the CDA contains PFOS above its respective interim guidance value for the NYSDEC Protection of Groundwater. Discrete soil intervals below it were documented to contain PFOA and/or PFOS below the interim guidance values for Unrestricted Use. The area of PFAS soil removal is proposed to include the upper 0.5 feet of soil, for the width of the proposed trench for construction (estimated as four (4) feet) from the northern edge of Citation Drive to the north down the embankment, terminating at the base of the subject Outfall. The proposed Pre-IRM delineation soil sampling will be used to determine actual the extent of the soil IRM.

Area S2: PFAS Soil Management for Installation of Stormwater Drainage Piping and Stormwater Suspended Solids Separator (Area of boring PCI-B-04)

Soil excavated during trenching in the northwest corner of the CDA where installation of stormwater drainage piping and a stormwater suspended solids separator is proposed (refer to Figures 2 and 4). Based on the PCI soil sampling excavated soil will require removal and off-site disposal due to the presence of PFOS in surface soil (0 - 0.17 feet bgs) at concentrations above the NYSDEC interim guidance value for the Protection of Groundwater. Discrete soil intervals below it were documented to contain PFOA and/or PFOS below the NYSDEC interim guidance values for Unrestricted Use. The area of PFAS soil removal includes the upper 0.5 feet of soil immediately below the asphalt and associated sub-base, for the width of the proposed trench (estimated as four (4) feet) as required to install the stormwater drainage piping and separator, 75 feet in both directions of the stormwater drainage pipe routing from the centerline of the separator as shown on Figures 2 and 3. The proposed Pre-IRM delineation soil sampling will be used to determine the extent of the soil IRM. The asphalt and sub-base will be recycled at an asphalt reclamation facility.

Area S3: PFAS Soil Management for Regrading and Drainage Swale Installation East of Hangar 2 (Area of boring PCI-B-12)

Based on the PCI soil sampling, Soil excavated during regrading required to create the drainage swale located east of proposed Hangar 2 (refer to Figures 2 and 3) will require removal and off-site disposal at a TSDF due to PFOS in surface soil (0 - 0.17 feet bgs) above the NYSDEC interim guidance value for the Protection of Groundwater. Discrete intervals below the surface zone were documented to contain PFOA and/or PFOS below the NYSDEC interim guidance value for Unrestricted Use. The area of PFAS soil removal will include the upper 0.5 foot within the hatched area shown on Figures 2 and 3. The proposed Pre-IRM delineation soil sampling will be used to determine the extent of the soil IRM.

Area S4: PFAS Soil Management for Replacement of Taxiway D South Edgeway Lighting (Area of boring PCI-B-28)

Based on the PCI soil sampling, soil that will be excavated during trenching associated with the installation of Taxiway D south edgeway lighting (refer to Figures 2 and 3) will require removal and off-site disposal at a TSDF due to PFOS in surface soil (0 - 0.17 feet bgs) above the NYSDEC interim guidance value for the Protection of Groundwater. Discrete intervals below the surface zone were documented to contain PFOA and/or PFOS below the NYSDEC interim guidance value for Unrestricted Use. The area of PFAS soil removal will include the upper 0.5 foot of soil for the width of the proposed trench (estimated as three (3) feet) required to install the south edgeway lighting, approximately 75 linear feet east of the centerline of the proposed directional drilling pit, located south of Taxiway D as shown on Figures 3 and 4. The proposed Pre-IRM delineation soil sampling will be used to determine the extent of the soil IRM.

Area S5: PFAS Soil Management for the Proposed South Directional Drilling Pit (Area of boring PCI-B-28)

Based on the PCI soil sampling, soil that will be excavated for the south directional drilling pit (refer to Figure 4) will require removal and off-site disposal at a TSDF due to PFOS in surface soil (0 - 0.17 feet bgs) above its respective NYSDEC interim guidance value for Unrestricted Use in the vicinity of boring PCI-B-28. Discrete soil intervals below the surface zone were documented to contain PFOA and/or PFOS below the NYSDEC interim guidance value for Unrestricted Use. The area of PFAS soil removal will include

the upper 0.5 foot of soil from the proposed pit (10 feet by 15 feet) as shown on Figures 2 and 3. The proposed Pre-IRM delineation soil sampling will be used to determine the extent of the soil IRM.

Area S6: PFAS Soil Management for a Portion of the Water Line Trenching Southeast of the South Directional Drilling Pit (Area of boring PCI-B-28)

Based on the PCI soil sampling, soil that will be excavated for installation of the proposed water line will require removal and off-site disposal due to PFOS in surface soil (0 - 0.17 feet bgs) above the respective NYSDEC interim guidance value for Unrestricted Use in the vicinity of boring PCI-B-28. Discrete soil intervals below the surface zone were documented to contain PFOA and/or PFOS below the NYSDEC interim guidance value for Unrestricted Use. The area of PFAS soil removal will include the upper 0.5 feet of soil for the width of the proposed trench (estimated as three (3) feet) required to install the water piping, 100 feet southeast of the proposed directional drilling pit centerline as shown on Figures 2 and 3. The proposed Pre-IRM delineation soil sampling will be used to determine the extent of the soil IRM.

PFAS Soil Management for the Remainder of the CDA (Aside from Areas S1 - S6)

Soil within the remainder of the CDA has been found to contain PFAS at low concentrations or PFOA/PFOS below respective NYSDEC interim guidance values or not detected above the limit of laboratory detection. This soil may be re-used on-site as backfill or re-graded, subject to screening and approval by the QEP in consultation with the RDP. If excess soil is generated during construction that cannot be re-used on-site, the Contractor will coordinate with the Owner to determine if the material can be reused as backfill in other areas of the Site. On-site reuse of site soil other than the soil excavated as PFAS-impacted as described in Areas S1 - S6 above, is subject to NYSDEC review and approval in advance. A Request to Import/Reuse Fill of Soil form is submitted as part of this IRM WP to seek this approval. With that NYSDEC approval, the Contractor will be allowed to re-use site soil on-site as backfill or for regrading without restriction. A copy of this completed NYSDEC Request to Import/Re-use Fill form is included as Attachment B.

Soil sampled from two (2) PCI borings exhibited localized metals in soil that exceeded their respective NYSDEC SCOs (Refer to Figure 5A in the PCI Report for detailed information). Soil sampled at 4 to 5 feet bgs from boring B-01 exhibited a total zinc concentration that exceeded its respective NYSDEC unrestricted use (UU) SCOs but

below NYSDEC Protection of Groundwater (PG) SCOs. Zinc is a common metal found in soil and at this depth and concentration, does not require remedial action. Soil sampled at 7 to 9.5 feet bgs at boring B-07 exhibited a copper concentration slightly exceeding NYSDEC UU SCOs, but below NYSDEC PG SCOs. Copper is a common metal found in soil and at this depth, and concentration does not warrant remedial action.

General Excavation Notes

The Owner's QEP will observe ground intrusive work including excavation and load-out of CDW. The Contractor shall provide a Competent Person, as defined per Federal Regulation 29 CFR 1926.32(F), to oversee earthwork. The Contractor will be responsible for the safe execution of ground intrusive activities and other work performed under this IRM WP that involves handling of potentially PFOA/PFOS impacted materials.

It should be noted that the soil quantities provided within this IRM WP do not account for excavation sidewall sloping or benching. If excavation sidewall sloping or benching is determined by others to be necessary, these areas of removal will require additional review for soil handling but will likely result in additional impacted soil disposal.

Field Evidence of Contamination (FEC)

Staining suspected to be associated with environmental impacts that are encountered during re-grading and/or excavations will be subjectively assessed by the QEP by employing organoleptic observations and Photo-ionization Detector (PID) organic vapor screening. If FEC is confirmed by the QEP, the contractor will be required to place these soils on polyethylene (poly) sheeting and covered with the same or placed in DOT-approved 55-gallon drums if the quantity is minimal. The soil pile or drums shall be covered/staged in a secure location pending characterization and off-site disposal at a TSDF. Poly covers must be sufficiently weighted to prevent wind damage and maintain containment integrity. Incidental excavated soil exhibiting FEC has not been included in the disposal quantity estimates provided herein.

Handling of Excavated PFAS-Impacted Soil and CDW

Poly sheeting will be required beneath PFAS-impacted soil stockpiled adjacent to excavations from Areas S1 to S6 if that soil is not directly loaded into trucks, to prevent impact to soil adjacent to the proposed excavation areas. This piled soil will then be loaded into trucks or transferred to the Contractor Spoils Area, at the location shown on

Figure 2. Poly sheeting is not required beneath piles of soil that have a PFOA or PFOS concentration below NYSDEC interim guidance values for Unrestricted Use and that do not exhibit FEC. Vegetation from tree and brush clearing will be separated from PFAS-impacted soil and disposed of off-site as unregulated material.

CDW Soil Stockpiles: If PFOA/PFOS-impacted soil CDW will be temporarily staged on-site pending off-site disposal, it will be staged in stockpiles within the Contractor Spoils Area. These stockpiles will be constructed of two (2) layers of 6-mil poly sheeting placed on the ground surface prior to placement of soil. The perimeter of the stockpile will be bermed, with the bottom poly sheeting extending three (3) feet past the berm. The berm may be constructed of straw bales or similar materials. The piled material will be placed in a manner that the soil pile is contained within the berm, and soil is not present on top or spilling over the berm. When the stockpile is no longer used or if a significant rain event is imminent, the pile will be covered at a minimum frequency of daily with a single layer of 6-mil poly sheeting that overlaps the berm by three (3) feet and is sufficiently weighted to prevent the poly from being windblown and to prevent stormwater from entering the pile.

CDW Characterization

The Contractor is responsible for performing all testing required by the proposed disposal facilities to accept the CDW. The Contractor may provide the proposed disposal facility with a copy of existing sampling data from the recent PCI, from within the PCI Report included as Appendix B, for consideration.

CDW Disposal

Transport of materials will be performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364 Permit/Registration. The Contractor will confirm that CDW waste transporters are appropriately licensed, and trucks properly placarded prior to loading.

The contractor will confirm that loaded vehicles leaving the site are lined, tarped, securely covered, manifested, and placarded in accordance with appropriate Federal, State, local, and NYSDOT requirements, and to the satisfaction of the QEP. Trucks transporting contaminated material must have either tight-fitting opaque covers that are secured on the sides and/or back, or opaque covers that are locked on all sides. Soil adhered to the sides of trucks during loading will be removed by the entity loading them

prior to trucks exiting the Site to prevent tracking of material from the Site. If wet material capable of producing free liquid requires loading, truck liners and soil dewatering amendments will be used as required to prevent the release of liquid during transport.

The contractor will provide off-site disposal/reclamation locations for all waste materials (receiving facilities) in the pre-excavation notifications and submittals for the project. This will include estimated quantities of each material in a breakdown by class of disposal facility as appropriate, (e.g. non-hazardous waste disposal facility, solid waste landfill, petroleum treatment facility, asphalt reclamation facility, C&D debris recovery facility). Actual disposal quantities and associated documentation of each CDW waste stream will be reported to the Owner by the Contractor. This documentation will include, but will not be limited to waste profiles, laboratory analytical results, facility acceptance letters, waste manifests, bills of lading, facility receipts, and weigt tickets.

The Contractor will be responsible for ensuring that all egress points for truck and equipment transport from the site are clean of soil and other materials derived from the site during ground intrusive excavation activities. Cleaning of the adjacent streets will be performed by the contractor as needed to maintain a soil free condition with respect to CDA/Site-derived materials.

Erosion Control

Erosion and sediment control measures will be implemented by the Contractor during all phases of work in accordance with the SPDES General Permit for Stormwater Discharges from Construction Activity (GP-0-25-001) because the project construction activities will involve soil disturbance greater than one acre. Erosion and sediment control measures, including those shown on the contract drawings, will follow the Stormwater Pollution Prevention (SWPP) Plan prepared by others. In addition, stockpiles of PFAS impacted soil will be placed on poly and at the end of each workday, will be covered with poly and sufficiently weighted as described above.

Imported Fill Source

The Contractor will identify all sources of soil, fill, and subbase material proposed for importation to the CDA. All materials proposed for importation to the CDA will require prior approval by the QEP and the RDP and shall comply with provisions of this IRM WP prior to importation to the CDA. The Contractor will submit the following

information to the Owner's QEP and RDP for review and approval a minimum of five (5) business days prior to proposed importation of material:

- Cubic yards of imported material.
- Nature of material (gravel, rock, stone, topsoil, etc.).
- Sieve analysis results that demonstrate percent by weight material that passes through a size 100 sieve.
- Documentation of virgin material from a permitted mine or quarry.
- Is this material concrete or brick from a DEC registered processing facility?
- Provide a brief description of the number and type (discrete or composite) of samples collected. List the analytical parameters that these samples were analyzed for (i.e., VOCs, SVOCs, PCBs, etc.).
- Provide a brief description of sampling results or attach evaluation tables (compared to 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives and NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances April 2023 interim guidance values).
- Name of person providing fill and relationship to source.
- Location where fill was obtained (full physical address).
- Identification of any state or local approvals as a fill source.
- Provide a brief history of the use of the property that is the fill source.

Material from industrial sites, spill sites, other environmental remediation sites, or potentially contaminated sites are not permitted for importation to the site. Solid waste importation is not permitted. All imported soils shall meet the soil quality standards established in 6 NYCRR 375-6.7(d) and DER-10 Appendix 5 for Unrestricted Use, and the Unrestricted Use requirements of NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances April 2023 interim guidance values. Imported soils shall be sampled by the Contractor for the full suite of analytical parameters set forth in NYSDEC DER-10 Appendix 5 and PFAS via EPA Method 1633 and 1, 4-Dioxane.

The Contractor will provide this information to the RDP and QEP as part of pre-work submittals. All fill or soil must be tested by the Contractor or providing facility in accordance with DER-10 Section 5.4(e), and contaminant levels must be below Unrestricted Use SCOs and PFAS Interim Guidance Values. In addition, the Contractor will complete and submit a NYSDEC Request to Import/Reuse Fill or Soil Form for each material type (e.g. topsoil, fill or soil) to the NYSDEC Project Manager at the contact information below, and will also provide a copy of this information to the QEP and RDP:

Greta Kowalski, P.G.
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7014
greta.kowalski@dec.ny.gov
(518) 402-2029

Groundwater Monitoring Wells

There are five (5) permanent groundwater monitoring wells within the CDA that were installed during the July 2025 PCI. These wells are protected by flush-mounted traffic rated road boxes. The Contractor will be required to protect these wells for the duration of construction, as practicable. Any monitoring wells that are damaged during the IRM will be replaced in-kind during the upcoming site Remedial Investigation (RI), as determined by the NYSDEC Project Manager. Any damaged wells will be decommissioned in accordance with the NYSDEC CP-43: Groundwater Monitoring Well Decommissioning Policy (Date Issued: November 3, 2009).

Construction Equipment Decontamination

Construction equipment that comes into contact with impacted soils above NYSDEC Unrestricted Use interim guidance values will be decontaminated following soil excavation/relocation, and prior to leaving the impacted soil boundaries (bucket and tires/tracks, as applicable).

Decontamination procedures will include the dry removal of soil adhered to the tires/tracks of on-site construction equipment that contacts impacted soils and wet removal of the equipment bucket(s) by hand washing with brushes and tap water/non-phosphate environmental detergent (e.g. Alconox®) or hot high-pressure water wash. Use of Liquinox® will not be permitted. The Contractor will construct a decontamination pad on-site for the wet decontamination of the construction equipment bucket(s). The decontamination pad will be sufficiently sized and constructed to capture water used to decontaminate the equipment buckets and be adequately pitched to allow collection of water via sump pump after decontamination is completed.

The removed adhered soil from dry decontamination of the tires/tracks will be placed in the soil pile staged on-site pending off-site disposal. The Contractor must make effort to

keep the tires/tracks out of the footprint of the PFAS contaminated areas as much as practicable. The proposed location of the decontamination pad will be within the Contractor Staging Area, but it is subject to change based on construction activities (Refer to Figure 2 – IRM Work Area and Spoils Storage Area for that location).

All standing liquid within the decontamination pad generated during decontamination of equipment buckets will be captured and transferred into 55-gallon drums or the weir tanks/frac tank on a daily basis. The Contractor will prevent rainwater from entering the decontamination pad when not in use by covering the pad with poly). The accumulated soil/sediment in the decontamination pad will be removed from the equipment and transferred to contaminated soil stockpiles, roll-offs, or 55-gallon drums and staged in the contractor spoils staging area. Drums of decontamination water will also be staged within this area of the site pending characterization and off-site disposal at a permitted treatment/disposal facility.

Soil Gas/Sub-Slab Vapor Ventilation

A passive Vapor Intrusion Mitigation (VIM) system (sub-slab ventilation piping) will be built as part of each hangar construction to mitigate potential for intrusion of VOCs in soil gas within the proposed slab-on-grade hangar footprints. A sub-slab soil vapor barrier will also be installed in conjunction with the VIM; refer to Drawing FO-201 in the foundation drawings included in Exhibit 2. The passive VIM systems will be constructed in a manner that can be retrofitted into active sub-slab depressurization systems, if directed by the NYSDEC/NYSDOH. Once available, the RDP will provide a copy of the design schematic to NYSDEC for their review and approval.

A soil vapor intrusion evaluation will be performed at the newly construction hangars to determine whether the passive system(s) require activation to be protective of occupants. A short work plan will be provided to NYSDEC/NYSDOH under separate cover for review.

Community Air Monitoring

Soil will be disturbed by ground intrusive activities within the CDA during clearing and grubbing, excavation of localized PFAS contaminated soils, regrading, and movement (including load-out) of staged soil/fill. A Community Air Monitoring Plan (CAMP) will be followed during ground intrusive activities. The intent of the CAMP is to provide a measure of protection for the downwind community (i.e., potential off-site receptors

including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases. The CAMP is not intended for use in establishing action levels for worker respiratory protection. The CAMP will monitor the air for dust and volatile organic compound (VOC) vapors at the downwind perimeter of the work area with an upwind monitor for relative comparison. If Special Requirements CAMP (reduced) action levels are applicable and exceeded, the appropriate action should be taken and documented. All CAMP exceedances are to be reported to DEC/DOH within 24-hours by email or phone. A site-specific CAMP is included in Attachment C, which also includes Special Requirements protocols, including reduced action levels.

There are two (2) work areas S2 and S3, where intrusive work may be within 20 feet of a building that may have workers that could be considered sensitive receptors. Additional CAMP station M4 will be deployed as necessary based on wind direction to be between the work area and nearby hangars where sensitive receptors may exist such as building occupants. If there are no occupants in the hangar, this additional CAMP station would not be necessary. When in operation, requests will be made for building occupants to keep doors and windows shut during soil disturbance within the work area, as needed. CAMP exceedances, including visible dust, should be prevented by proactive measures to control dust and/or VOCs.

Health and Safety

C.T. Male personnel involved in the IRM field work will read, understand and adhere to the Health and Safety Plan (HASP) included in Attachment D. C.T. Male's HASP is not intended to be used by anyone other than C.T. Male personnel. The Contractor and subcontractors will be responsible for adhering to their own site-specific health and safety plans.

Quality Assurance/Quality Control Plan

C.T. Male personnel will follow the Quality Assurance Project Plan (QAPP) developed in 2025 by C.T. Male for the PCI if sampling is required.

Reporting

The summary and results of this IRM will be presented in a CCR, prepared in accordance with Section 5.8 of DER-10. The CCR will be certified by a New York State Professional

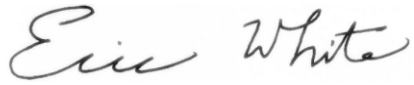
Engineer (P.E.) and will be included as an Exhibit to the Remedial Investigation Report (RIR).

Schedule

This IRM is anticipated to commence in January/February of 2026. A detailed project schedule is not available at the time of submission of this IRM WP, but will be provided to the NYSDEC, once made available by the project developer or general contractor. Should you have any questions regarding this IRM WP, please do not hesitate to contact the EPE Jeffrey A. Marx, P.E. at j.marx@ctmale.com or 518-786-7548 or alternatively Eric White at e.white@ctmale.com and/or via telephone at 845-762-4578.

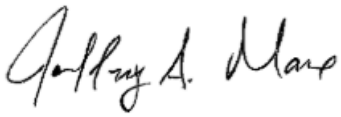
Respectfully submitted,

C.T. MALE ASSOCIATES



Eric White
Environmental Scientist IV

Reviewed and Approved by



Jeffrey A. Marx, P.E.
Managing Environmental Engineer

cc: R. Balkind, HVRA (rbalkind@dutchessny.gov)
D. Whalen, HVRA (dwhalen@dutchessny.com)
C. Blackburn, HVRA (cblackburn@dutchessny.gov)
J. Durand, HVRA (jdurand@dutchessny.gov)
G. Bowitch, Bowitch Law (gbowitch@bowitchlaw.com)
M. Doroski, NYSDOH (melissa.doroski@health.ny.gov)
A. Martin, NYSDOH (angela.martin@health.ny.gov)
S. Saucier, NYSDEC (sarah.saucier@dec.ny.gov)
S. McCague, NYSDEC (steven.mccague@dec.ny.gov)
K. Thompson, NYSDEC (kiera.thompson@dec.ny.gov)
S. Gustems, P.G. (s.gustems@ctmale.com)
J. McIver, Jr., P.G. (j.mciver@ctmale.com)
M. Williams, P.G. (m.williams@ctmale.com)

CERTIFICATION

I, Jeffrey A. Marx, P.E., certify that I am a NYS registered professional engineer and that this Interim Remedial Measures Work Plan was prepared in accordance with applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) dated May 3, 2010.

082100		
NYS Professional Engineer #	Date	Signature

Attachments

Attachment A
Figure 1 – Site Location Map
Figure 2 – IRM Work Areas with Existing Features and Proposed Delineation Soil Borings
Figure 3 – IRM Work Areas with Proposed Features and Proposed Delineation Soil Borings

Attachment B
NYSDEC Request to Import/Reuse Fill or Soil Form, HVRA Sky Harbour North Hangar

Attachment C
Site Specific Community Air Monitoring Plan

Attachment D
Health & Safety Plan

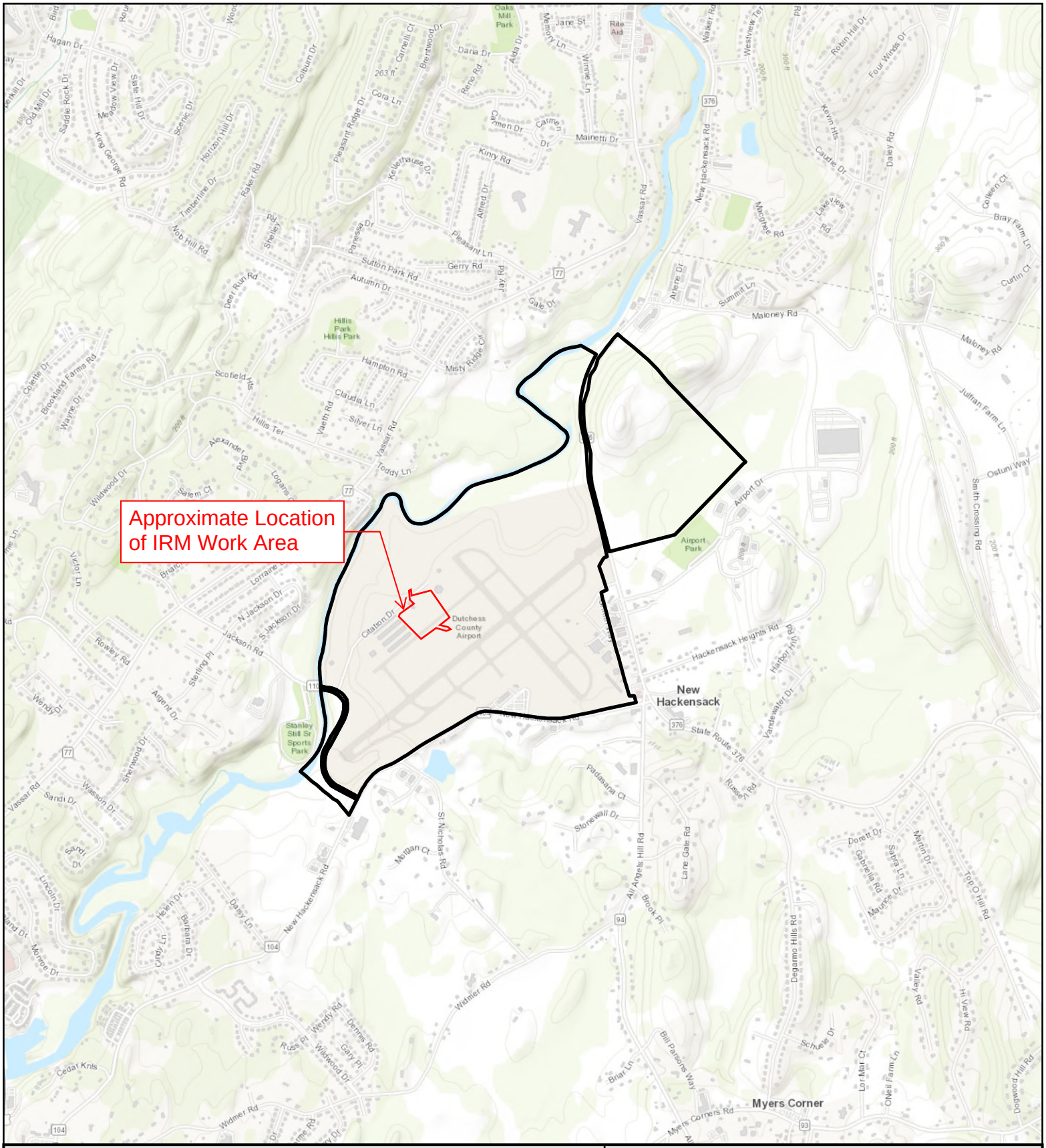
Exhibits

Exhibit 1
Dutchess County Access Tax Map, Hudson Valley Regional Airport
Exhibit 2
HVRA Sky Harbour North Hangar Foundation Drawings by OECIS, dated 03/14/2025

Site Utility Permit Drawing for Commercial Hangar Development, Hudson Valley Regional Airport, by Passero, dated April 2025

ATTACHMENT A

Figures



Legend

Approximate Site Location

JULY 2025

N
W
E
S

0 1,000 2,000 4,000 6,000 Feet

1 in =2,000 Feet

Project Number: 18.8090
Data Source: NYSGIS Clearinghouse
Projection: NAD 1983 StatePlane New York East FIPS 3101 (US Feet)
Date: July 21, 2025
File: 188090_HVRA_2025.aprx
GIS: C Bondi

FIGURE 1
SITE LOCATION MAP
HUDSON VALLEY REGIONAL AIRPORT

Town of Wappinger **Dutchess County, NY**

C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.
50 CENTURY HILL DRIVE, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299

PROJECT NUMBER: 18.8090

TRUCK WASH DOWN AREA / DECONTAMINATION PAD
SIZE ACCORDINGLY TO CAPTURE LIQUIDS AND SOLIDS

AIRPORT SPOILS AREA

APPROXIMATE LOCATION OF SPOILS & CONTRACTOR STAGING AREA. FINAL LOCATION TO BE COORDINATED WITH OWNER
SIZE CAN BE ADJUSTED TO CONTRACTOR'S NEED

CONTRACTOR TO INSTALL STABILIZED CONSTRUCTION ENTRANCE ALONG SPOILS ACCESS ROUTE

PCI-B-04
PFOS (0-0.17FT): 0.449 PPM (TO BE REMOVED)
PFOS (0-0.17-1.0 FT): 4.18 PPM (TO BE REMOVED)
PFOS (0-0.17-1.0 FT): 0.241 PPM *BGV ENDPOINT SAMPLE

PCI-B-01

GRAVEL DRIVEWAY

SPOILS ACCESS ROUTE

CITATION DRIVE

AREA S1

AREA SED1

SED1 (0-0.5 ft)
PFOS (0.00494 PPM (TO BE REMOVED)
PFOA 0.000473 PPM (TO BE REMOVED)

PCI-B-02
PFOS (0-0.17FT): 1.26 PPM (TO BE REMOVED)
PFOS (0-0.17-1.0 FT): 0.4 PPM *BGV ENDPOINT SAMPLE

B-02A, B-02B, B-02C, B-02D, B-02E, B-02F, B-02G, B-02H, B-02I

PCI-B-02

HANGAR

AREA S2

B-04A, B-04B, B-04C, B-04D, B-04E, B-04F, B-04G, B-04H, B-04I, B-04J

PCI-B-03 RESULTS BGV
PCI-B-04
PCI-B-05 RESULTS BGV
PCI-B-06 RESULTS BGV
PCI-B-07 RESULTS BGV
PCI-B-08 RESULTS BGV

EX. 24" HDP STM. SWR.

CONTRACTOR ACCESS ROUTE

CONTRACTOR TO INSTALL STABILIZED CONSTRUCTION ENTRANCE

WORK AREA 1

G.A. APRON

B-10A

PCI-B-09 RESULTS BGV
PCI-B-10 RESULTS BGV

DMH-2

EX. HANGAR TO BE DEMOLISHED

EX. 8" CMP STM. SWR

PCI-B-11 RESULTS BGV

B-12A, B-12B, B-12C, B-12D, B-12E, B-12F, B-12G, B-12H, B-12I, B-12J

PCI-B-12
PFOS (0-0.17FT): 1.09 PPM (TO BE REMOVED) PFOS (0-0.17-1.0 FT): 0.644 PPM *BGV ENDPOINT SAMPLE

PCI-B-12 RESULTS BGV

HEXAGON HANGAR

39.5'

EX. 12" RCP STM. SWR

PCI-B-13 RESULTS BGV

PCI-B-15 RESULTS BGV

AREA S3

PCI-B-14 RESULTS BGV

APRON

BARRICADE (TYPICAL)

G.A. TAXILANE

PCI-B-16 RESULTS BGV

PCI-B-17 RESULTS BGV

PCI-B-18 RESULTS BGV

PCI-B-19 RESULTS BGV

WORK AREA 2

G.A. TAXILANE CENTERLINE

EX. 12" RCP STM. SWR

DMH-1

PCI-B-20 RESULTS BGV

PCI-B-21 RESULTS BGV

PCI-B-22 RESULTS BGV

55'

WORK AREA 1

PCI-B-26 RESULTS BGV

110'

254'

PCI-B-23 RESULTS BGV

EX. 12" HDPE STM. SWR.

92.0'

CB-3

CB-2

CB-1

124.0'

58.9'

PCI-B-24 RESULTS BGV

PCI-B-25 RESULTS BGV

AREA S4

AREA S5

AREA S6

B-28A, B-28B, B-28C, B-28D, B-28E, B-28F, B-28G, B-28H, B-28I, B-28J

PCI-B-28

EX. DRAINAGE SWALE CENTERLINE

PCI-B-27 RESULTS BGV

DASHED TAXIWAY EDGE MARKING

WORK AREA 2

PCI-B-28
PFOS (0-0.17 FT): 0.899 PPM (TO BE REMOVED)
PFOS (0.17-1.0 FT): 0.196 PPM *BGV ENDPOINT SAMPLE

100.0'

12" GATE VALVE

PCI-B-29 RESULTS BGV

12" GATE VALVE

12" C900 PVC WATER MAIN

12X8 SWIVEL TEE

8" GATE VALVE

BAR SCALE
60' 0 30' 60' 120'
1 inch = 60 ft.
WHEN PRINTED 22X34 SHEET SIZE

ENVIRONMENTAL NOTES

1. REFER TO NYSDEC APPROVED IRM WORK PLAN FOR ADDITIONAL ENVIRONMENTAL REQUIREMENTS
2. BGV - BELOW NYSDEC GUIDANCE VALUE FOR PROTECTION OF GROUND WATER SOIL CLEANUP OBJECTIVE
3. PFAS - PER-AND POLYFLUOROALKYL SUBSTANCES
4. IRM - INTERIM REMEDIAL MEASURE
5. VOC - VOLATILE ORGANIC COMPOUND
6. SVOC - SEMI VOLATILE ORGANIC COMPOUND
7. SOIL SAMPLES COLLECTED FROM PCI BORINGS B-02, B-04, B-05, B-10, B-11, B-13, B-17, B-19, B-20, B-21, B-22, B-25, AND B-29 WERE ANALYZED PFAS
8. SOIL SAMPLES COLLECTED FROM PCI BORINGS B-01, B-03, B-06, B-07, B-08, B-09, B-14, B-15, B-16, B-17, B-18, B-23, B-24, B-27, AND B-28 WERE ANALYZED FOR PFAS, VOC, SVOC AND METALS

LEGEND

EXISTING BUILDING TO REMAIN

PCI-B-07 — PRE-CONSTRUCTION INVESTIGATION SOIL BORINGS

PCI-B-07 — PROPOSED PFAS DELINEATION BORINGS

CB : STORM WATER DRAINAGE CATCH BASIN
DMH : STORM WATER DRAINAGE MANHOLE
RCP : REINFORCED CONCRETE PIPE
CMP : CORRUGATED METAL PIPE
HDPE : HIGH DENSITY POLYETHYLENE PIPE
SICPP : SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE
PVC SDR-35 : POLYVINYL CHLORIDE STANDARD DIMENSION RATIO-35 PIPE
FCR900 PVC W.M. : AWWA C900 POLYVINYL CHLORIDE PRESSURE WATER MAIN

MAP NOTES AND REFERENCES:

1.) THE LOCATIONS AND FEATURES DEPICTED ON THIS MAP ARE APPROXIMATE AND DO NOT REPRESENT AN ACTUAL FIELD SURVEY PREPARED BY C.T. MALE.

2.) BASE MAP PROVIDED AND PREPARED BY PASSERO ENGINEERING AND ARCHITECTURE OF NEWBURGH,NY, AS TITLED 23000149.0019 EXISTING BASEMAP, AND DATED APRIL 2025.

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW.

© 2026
C.T. MALE ASSOCIATES

DESIGNED: EW
DRAFTED : KFH
CHECKED : EW
PROJ. NO : 18.8090
SCALE : AS NOTED
DATE : APRIL 2, 2026

IRM WORK AREAS WITH EXISTING FEATURES AND PROPOSED DELINEATION SOIL BORINGS

HUDSON VALLEY REGIONAL AIRPORT

TOWN OF WAPPINGER — DUTCHESS COUNTY, NY

C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.
50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400
GLENS FALLS, NY • JOHNSTOWN, NY • POUGHKEEPSIE, NY • SYRACUSE, NY
www.ctmale.com

FIG-2
SHEET 1 OF 2
DWG. NO: 26-0187

CAD DWG. FILE NAME: K:\Projects\180900\Env\SH North Hangar\SH North Hangar IRM\IRM Drawings\Drawings\Fig_2A_rev20260402.dwg

PROJECT NUMBER: #######

TRUCK WASH DOWN AREA / DECONTAMINATION PAD SIZE ACCORDINGLY TO CAPTURE LIQUIDS AND SOLIDS

AIRPORT SPOILS AREA

APPROXIMATE LOCATION OF SPOILS & CONTRACTOR STAGING AREA. FINAL LOCATION TO BE COORDINATED WITH OWNER SIZE CAN BE ADJUSTED TO CONTRACTOR'S NEED

CONTRACTOR TO INSTALL STABILIZED CONSTRUCTION ENTRANCE ALONG SPOILS ACCESS ROUTE

SPOILS ACCESS ROUTE

GRAVEL DRIVEWAY

GRAVEL DRIVEWAY

PCI-B-01

PCI-B-04
PFOS (0-0.17FT): 0.449 PPM (TO BE REMOVED)
PFOS (0-0.17-1.0 FT): 4.18 PPM (TO BE REMOVED)
PFOS (0-0.17-1.0 FT): 0.241 PPM *BGV ENDPOINT SAMPLE

AREA SED1

AREA S1

SED1 (0-0.5 ft)
PFOS (0.00494 PPM (TO BE REMOVED)
PFOA 0.000473 PPM (TO BE REMOVED)

CONTRACTOR ACCESS ROUTE

B-02A B-02B B-02C B-02D B-02E B-02F B-02G B-02H B-02I

PCI-B-02
PFOS (0-0.17FT): 1.26 PPM (TO BE REMOVED)
PFOS (0-0.17-1.0 FT): 0.4 PPM *BGV ENDPOINT SAMPLE

PCI-B-02

PROPOSED END OF 679 LF OF RETAINING WALL

PROP. INFILTRATION BASIN GREEN INFRASTRUCTURE

CITATION DRIVE

PROP. 30" SICPP

PROP. 12" SICPP

AREA S2

B-04A B-04B B-04C B-04D B-04E B-04F B-04G B-04H B-04I B-04J

PCI-B-03 RESULTS BGV
PCI-B-04
PCI-B-05 RESULTS BGV
PCI-B-06 RESULTS BGV
PCI-B-07 RESULTS BGV
PCI-B-08 RESULTS BGV

PROP. OIL/WATER SEPARATOR

PROP. LEACH FIELD

PROP. SEPTIC TANK

HANGAR

WORK AREA 1

G.A. APRON

B-10A

PROP. 12" SICPP

PROP. 8" PVC SDR-35 SANITARY SEWER

PCI-B-09 RESULTS BGV
PCI-B-10 RESULTS BGV

B-12A B-12B B-12C B-12D B-12E B-12F B-12G B-12H B-12I B-12J

PCI-B-11 RESULTS BGV
PCI-B-12
PCI-B-13 RESULTS BGV

PCI-B-12
PFOS (0-0.17FT): 1.09 PPM (TO BE REMOVED) PFOS (0-0.17-1.0 FT): 0.644 PPM *BGV ENDPOINT SAMPLE

HEXAGON HANGAR

AREA S3

EX. HANGAR TO BE DEMOLISHED

39.5'

PROPOSED HANGAR 2

PROPOSED HANGAR 1

PCI-B-14 RESULTS BGV
PCI-B-15 RESULTS BGV
PCI-B-16 RESULTS BGV
PCI-B-17 RESULTS BGV
PCI-B-18 RESULTS BGV
PCI-B-19 RESULTS BGV

APRON

WORK AREA 2

PROP. INFILTRATION BASIN GREEN INFRASTRUCTURE

PROP. 30" SICPP

PROP. 6" SICPP

G.A. TAXILANE

EX. 12" RCP STM. SWR.

PROP. 6" UNDERDRAIN

PROP. 6" UNDERDRAIN

PROPOSED APRON

PROP. 18" SICPP

PROP. 15" SICPP

PCI-B-20 RESULTS BGV
PCI-B-21 RESULTS BGV
PCI-B-22 RESULTS BGV

PROP. 8" CR900 PVC COMBINED WATER SERVICE (PRIVATE)

55'

AREA 1

110'

254'

G.A. TAXILANE CENTERLINE

WORK AREA 1

PROPOSED END OF 679 LF OF RETAINING WALL

58.9'

PROP. 24" SICPP

PROP. 24" SICPP

PROP. 12" SICPP

69.0'

PCI-B-23 RESULTS BGV
PCI-B-24 RESULTS BGV
PCI-B-25 RESULTS BGV
PCI-B-26 RESULTS BGV

124.0'

TAXIWAY D

AREA S5

AREA S4

B-28A B-28B B-28C B-28D B-28E B-28F B-28G B-28H B-28I B-28J

PCI-B-27 RESULTS BGV
PCI-B-28

DASHED TAXIWAY EDGE MARKING

WORK AREA 2

PROPOSED SKY HARBOUR NORTH SITE

PCI-B-28
PFOS (0-0.17 FT): 0.899 PPM (TO BE REMOVED)
PFOS (0.17-1.0 FT): 0.196 PPM *BGV ENDPOINT SAMPLE

AREA S6

PROP. 8" CR900 PVC W.M.

WORK AREA 2

EX. 12" GATE VALVE

PCI-B-29 RESULTS BGV

EX. 12" GATE VALVE

EX. 12X8 SWIVEL TEE

EX. 12" C900 PVC WATER MAIN

EX. 8" GATE VALVE

BAR SCALE
60' 0 30' 60' 120'
1 inch = 60 ft.

WHEN PRINTED 22X34 SHEET SIZE

ENVIRONMENTAL NOTES

1. REFER TO NYSDEC APPROVED IRM WORK PLAN FOR ADDITIONAL ENVIRONMENTAL REQUIREMENTS
2. BGV - BELOW NYSDEC GUIDANCE VALUE FOR PROTECTION OF GROUND WATER SOIL CLEANUP OBJECTIVE
3. PFAS - PER-AND POLYFLUOROALKYL SUBSTANCES
4. IRM - INTERIM REMEDIAL MEASURE
5. VOC - VOLATILE ORGANIC COMPOUND
6. SVOC - SEMI VOLATILE ORGANIC COMPOUND
7. SOIL SAMPLES COLLECTED FROM PCI BORINGS B-02, B-04, B-05, B-10, B-11, B-13, B-17, B-19, B-20, B-21, B-22, B-25, AND B-29 WERE ANALYZED PFAS
8. SOIL SAMPLES COLLECTED FROM PCI BORINGS B-01, B-03, B-06, B-07, B-08, B-09, B-14, B-15, B-16, B-17, B-18, B-23, B-24, B-27, AND B-28 WERE ANALYZED FOR PFAS, VOC, SVOC AND METALS

LEGEND

EXISTING BUILDING TO REMAIN

PCI-B-07 — PRE-CONSTRUCTION INVESTIGATION SOIL BORINGS

PCI-B-07 — PROPOSED PFAS DELINEATION BORINGS

CB : STORM WATER DRAINAGE CATCH BASIN

DMH : STORM WATER DRAINAGE MANHOLE

RCP : REINFORCED CONCRETE PIPE

CMP : CORRUGATED METAL PIPE

HDPE : HIGH DENSITY POLYETHYLENE PIPE

SICPP : SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE

PVC SDR-35 : POLYVINYL CHLORIDE STANDARD DIMENSION RATIO-35 PIPE

FCR900 PVC W.M. : AWWA C900 POLYVINYL CHLORIDE PRESSURE WATER MAIN

MAP NOTES AND REFERENCES:

1.) THE LOCATIONS AND FEATURES DEPICTED ON THIS MAP ARE APPROXIMATE AND DO NOT REPRESENT AN ACTUAL FIELD SURVEY PREPARED BY C.T. MALE.

2.) BASE MAP PROVIDED AND PREPARED BY PASSERO ENGINEERING AND ARCHITECTURE OF NEWBURGH,NY, AS TITLED 23000149.0019 EXISTING BASEMAP, AND DATED APRIL 2025.

DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW.

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DESIGNED: EW
DRAFTED : KFH
CHECKED : EW
PROJ. NO : 18.8090
SCALE : AS NOTED
DATE : APRIL 2, 2026

IRM WORK AREAS WITH PROPOSED FEATURES AND PROPOSED DELINEATION SOIL BORINGS

HUDSON VALLEY REGIONAL AIRPORT

TOWN OF WAPPINGER — DUTCHESS COUNTY, NY

C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.
50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400
GLENS FALLS, NY • JOHNSTOWN, NY • POUGHKEEPSIE, NY • SYRACUSE, NY
www.ctmale.com

FIG-3
SHEET 2 OF 2
DWG. NO: 26-0187

CAD DWG. FILE NAME: K:\Projects\18809\0\Env\SH North Hangar\SH North Hangar IRM\IRM Drawings\Drawings\Fig_28_rev20260402.dwg

ATTACHMENT B

NYSDEC Request to Import/Reuse Fill or Soil Form, HVRA Sky Harbour North Hangar

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

Site Name: Hudson Valley Regional Airport, Sky Harbour North Hangar

Site Number: C314129

The allowable site use is: Commercial or Industrial Us

Have Ecological Resources been identified? no

Is this soil originating from the site? yes

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 1,000-2,000 CY Reused

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? Choose an item

Does it contain less than 10%, by weight, material that passes a size 100 sieve? Choose an item

Is this virgin material from a permitted mine or quarry? Choose an item

Is this material recycled concrete or brick from a DEC registered processing facility? Choose an item

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

29 discrete surface soil samples, 58 discrete near-surface, and 14 discrete subsurface soil samples were collected from 33 borings completed site wide in areas of proposed work during the Pre-Construction Investigation. The majority of soil samples were analyzed for PFAS (1633). Fifteen select soil samples were analyzed for TCL VOCs plus TICs, TCL SVOCs plus TICs, Pesticides, Hebicides, TAL Metals, cyanide, PFAS (1633) and 1,4-dioxane. This application is for the areas of soil with PFAS below Unrestricted Use SCOs as described in the IRM Work Plan by C.T. Male dated October, 2025, and revised in January and March 2026. The proposed reuse of the soil is for backfill from excavations related to the North Hangar project.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

See attached tables.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

NA - On-site re-use of soil.

Name and address of fill source:

Hudson Valley Regional Airport

Location where fill was obtained:

Hudson Valley Regional Airport

Identification of any state or local approvals as a fill source:

NA

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Hudson Valley Regional Airport

Provide a list of supporting documentation included with this request:

Pre-Construction Investigation Report, by C.T. Male Associates, dated October, 2025.

The information provided on this form is accurate and complete.



Signature

4/2/2026

Date

Steve Gustems

Print Name

C.T. Male Associates

Firm

C.T. MALE ASSOCIATES

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

				SAMPLE ID:	PCI-B-1-0.0-0.17		PCI-B-1-0.17-1.0		PCI-B-1-1.0-2.0		PCI-B-1-4.0-5.0		~~PCI-B-02_0.0-0.17~~		PCI-B-02_0.17-1.0		PCI-B-02_1.0-2.0	
				LAB ID:	25G0333-47		25G0333-48		25G0333-49		25G0333-50		~~25G0333-53~~		25G0333-54		25G0333-55	
				COLLECTION DATE:	7/3/2025		7/3/2025		7/3/2025		7/3/2025		~~7/3/2025~~		7/3/2025		7/3/2025	
				SAMPLE DEPTH (FEET BGS):	0-0.17		0.17-1		1-2		4-5		~~0-0.17~~		0.17-1		1-2	
				SAMPLE MATRIX:	Soil		Soil		Soil		Soil		~~Soil~~		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	~~**Result**~~	~~**Qualifier**~~	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																		
Acetone	0.03	500	0.03	mg/kg	NA		NA		NA		0.0083	U	NA		NA		NA	
Semi-Volatile Organic Compounds (SVOCs)																		
Benzo(a)anthracene	1	37	1	mg/kg	NA		NA		NA		0.0995		NA		NA		NA	
Benzo(a)pyrene	1	3.7	22	mg/kg	NA		NA		NA		0.108		NA		NA		NA	
Benzo(b)fluoranthene	1	37	2.1	mg/kg	NA		NA		NA		0.125		NA		NA		NA	
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	NA		NA		NA		0.0649	J	NA		NA		NA	
Benzo(k)fluoranthene	0.8	47	2	mg/kg	NA		NA		NA		0.109		NA		NA		NA	
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	NA		NA		NA		0.1		NA		NA		NA	
Butyl benzyl phthalate	NS	NS	NS	mg/kg	NA		NA		NA		0.125		NA		NA		NA	
Chrysene	1	47	1	mg/kg	NA		NA		NA		0.139		NA		NA		NA	
Fluoranthene	85	500	1,000	mg/kg	NA		NA		NA		0.172		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	NA		NA		NA		0.0591	J	NA		NA		NA	
Phenanthrene	1.1	47	1,000	mg/kg	NA		NA		NA		0.0634	J	NA		NA		NA	
Pyrene	64	500	1,000	mg/kg	NA		NA		NA		0.201		NA		NA		NA	
Metals																		
Aluminum, Total	NS	NS	NS	mg/kg	NA		NA		NA		12,600		NA		NA		NA	
Arsenic, Total	13	16	16	mg/kg	NA		NA		NA		4.9		NA		NA		NA	
Barium, Total	410	410	820	mg/kg	NA		NA		NA		33.8		NA		NA		NA	
Beryllium, Total	4.4	670	47	mg/kg	NA		NA		NA		0.386		NA		NA		NA	
Cadmium, Total	2.5	3.7	7.5	mg/kg	NA		NA		NA		0.327		NA		NA		NA	
Calcium, Total	NS	NS	NS	mg/kg	NA		NA		NA		33,300		NA		NA		NA	
Chromium, Total	NS	NS	NS	mg/kg	NA		NA		NA		30.6		NA		NA		NA	
Cobalt, Total	NS	NS	NS	mg/kg	NA		NA		NA		9.37		NA		NA		NA	
Copper, Total	50	270	1,720	mg/kg	NA		NA		NA		47.1		NA		NA		NA	
Iron, Total	NS	NS	NS	mg/kg	NA		NA		NA		28,700		NA		NA		NA	
Lead, Total	63	1,000	450	mg/kg	NA		NA		NA		59.9		NA		NA		NA	
Magnesium, Total	NS	NS	NS	mg/kg	NA		NA		NA		21,200		NA		NA		NA	
Manganese, Total	1,600	10,000	2,000	mg/kg	NA		NA		NA		624		NA		NA		NA	
Mercury, Total	0.18	1.1	0.73	mg/kg	NA		NA		NA		0.0327	U	NA		NA		NA	
Nickel, Total	30	320	130	mg/kg	NA		NA		NA		22.8		NA		NA		NA	
Potassium, Total	NS	NS	NS	mg/kg	NA		NA		NA		1,180		NA		NA		NA	
Sodium, Total	NS	NS	NS	mg/kg	NA		NA		NA		91.4		NA		NA		NA	
Vanadium, Total	NS	NS	NS	mg/kg	NA		NA		NA		18.5		NA		NA		NA	
Zinc, Total	109	10,000	2,480	mg/kg	NA		NA		NA		**151**		NA		NA		NA	

C.T. Male Project No.: 18.8090

TABLE 1
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HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

				SAMPLE ID:	PCI-B-1-0.0-0.17		PCI-B-1-0.17-1.0		PCI-B-1-1.0-2.0		PCI-B-1-4.0-5.0		~~PCI-B-02_0.0-0.17~~		PCI-B-02_0.17-1.0		PCI-B-02_1.0-2.0	
				LAB ID:	25G0333-47		25G0333-48		25G0333-49		25G0333-50		~~25G0333-53~~		25G0333-54		25G0333-55	
				COLLECTION DATE:	7/3/2025		7/3/2025		7/3/2025		7/3/2025		~~7/3/2025~~		7/3/2025		7/3/2025	
				SAMPLE DEPTH (FEET BGS):	0-0.17		0.17-1		1-2		4-5		~~0-0.17~~		0.17-1		1-2	
				SAMPLE MATRIX:	Soil		Soil		Soil		Soil		~~Soil~~		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**~~Result~~**	**~~Qualifier~~**	**Result**	**Qualifier**	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																		
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.874	UJ	0.885	R	0.915	R	NA		1.25	UJ	0.899	U	0.917	R
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.219	U	0.221	U	0.229	U	NA		0.312	U	0.225	U	0.229	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.219	U	0.221	U	0.229	U	NA		0.312	U	0.225	U	0.229	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.219	U	0.221	U	0.229	U	NA		0.312	U	0.225	U	0.229	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.2	U	0.202	U	0.209	U	NA		0.286	U	0.206	U	0.21	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.0587	J	0.135	J	0.118	J	NA		0.312	U	0.225	U	0.229	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.219	U	0.221	U	0.229	U	NA		0.312	U	0.225	U	0.229	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	0.484		0.65		0.78		NA		**1.26**		0.400		0.213	U
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.219	U	0.221	U	0.229	U	NA		0.312	U	0.277		0.246	
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.136	J	0.225	J	0.165	J	NA		0.624	U	0.449	U	0.458	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.219	U	0.221	U	0.229	U	NA		0.312	U	0.225	U	0.229	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.219	U	0.221	U	0.229	U	NA		0.312	U	0.225	U	0.229	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.219	U	0.221	U	0.229	U	NA		0.378		0.225	U	0.229	U

Qualifiers and Notes:

NY-RESC: NY-RESC: New York Restricted Commercial use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-POGW: New York Protection of Groundwater Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

* Indicates interim guidance value per New York State DEC document: Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), 2023

D: Identified compound has been diluted.

J: Estimated value - Analyte was detected between method detection limit (MDL) and reporting limit (RL).

U: Analyte was not detected above the method detection limit (MDL).

R: Reported result was rejected by third paty data validator.

BOLD: Analyte result exceeds SCGs.

NS: No standard.

NA indicates that the referenced parameter was not analyzed.

Data has been validated by third party validator.

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WAPPINGER, DUTCHESS COUNTY, NY
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				SAMPLE ID:	PCI-B-03-0.0-0.17		PCI-B-03-0.17-1.0		PCI-B-03-1.0-2.0		PCI-B-03-10.0-12.0		~~PCI-B-04_0.0-0.17~~		~~PCI-B-04_0.17-1.0~~		PCI-B-04_1.0-2.0	
				LAB ID:	25G0333-08		25G0333-09		25G0333-10		25G0333-11		~~25G0174-35~~		~~25G0174-36~~		25G0174-37	
				COLLECTION DATE:	7/2/2025		7/2/2025		7/2/2025		7/2/2025		~~7/1/2025~~		~~7/1/2025~~		7/1/2025	
				SAMPLE DEPTH (FEET BGS):	0-0.17		0.17-1		1-2		10-12		~~0-0.17~~		~~0.17-1~~		1-2	
				SAMPLE MATRIX:	Soil		Soil		Soil		Soil		~~Soil~~		~~Soil~~		Soil	
Parameter	NY-UNRES	NY-RESC	NY-POGW	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Volatile Organic Compounds (VOCs)																		
Acetone	0.03	500	0.03	mg/kg	NA		NA		NA		0.0085	U	NA		NA		NA	
Semi-Volatile Organic Compounds (SVOCs)																		
Benzo(a)anthracene	1	37	1	mg/kg	NA		NA		NA		0.0929	U	NA		NA		NA	
Benzo(a)pyrene	1	3.7	22	mg/kg	NA		NA		NA		0.0929	U	NA		NA		NA	
Benzo(b)fluoranthene	1	37	2.1	mg/kg	NA		NA		NA		0.0929	U	NA		NA		NA	
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	NA		NA		NA		0.0929	U	NA		NA		NA	
Benzo(k)fluoranthene	0.8	47	2	mg/kg	NA		NA		NA		0.0929	U	NA		NA		NA	
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	NA		NA		NA		0.0929	U	NA		NA		NA	
Butyl benzyl phthalate	NS	NS	NS	mg/kg	NA		NA		NA		0.0929	U	NA		NA		NA	
Chrysene	1	47	1	mg/kg	NA		NA		NA		0.0929	U	NA		NA		NA	
Fluoranthene	85	500	1,000	mg/kg	NA		NA		NA		0.0929	U	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	NA		NA		NA		0.0929	U	NA		NA		NA	
Phenanthrene	1.1	47	1,000	mg/kg	NA		NA		NA		0.0929	U	NA		NA		NA	
Pyrene	64	500	1,000	mg/kg	NA		NA		NA		0.0929	U	NA		NA		NA	
Metals																		
Aluminum, Total	NS	NS	NS	mg/kg	NA		NA		NA		17,200	J	NA		NA		NA	
Arsenic, Total	13	16	16	mg/kg	NA		NA		NA		5.8	J	NA		NA		NA	
Barium, Total	410	410	820	mg/kg	NA		NA		NA		81.5	J	NA		NA		NA	
Beryllium, Total	4.4	670	47	mg/kg	NA		NA		NA		0.693	J	NA		NA		NA	
Cadmium, Total	2.5	3.7	7.5	mg/kg	NA		NA		NA		0.28	U	NA		NA		NA	
Calcium, Total	NS	NS	NS	mg/kg	NA		NA		NA		7,700	J	NA		NA		NA	
Chromium, Total	NS	NS	NS	mg/kg	NA		NA		NA		25.4	J	NA		NA		NA	
Cobalt, Total	NS	NS	NS	mg/kg	NA		NA		NA		12.3	J	NA		NA		NA	
Copper, Total	50	270	1,720	mg/kg	NA		NA		NA		36.2	J	NA		NA		NA	
Iron, Total	NS	NS	NS	mg/kg	NA		NA		NA		30,800	J	NA		NA		NA	
Lead, Total	63	1,000	450	mg/kg	NA		NA		NA		13.4	J	NA		NA		NA	
Magnesium, Total	NS	NS	NS	mg/kg	NA		NA		NA		7,040	J	NA		NA		NA	
Manganese, Total	1,600	10,000	2,000	mg/kg	NA		NA		NA		970	J	NA		NA		NA	
Mercury, Total	0.18	1.1	0.73	mg/kg	NA		NA		NA		0.0336	U	NA		NA		NA	
Nickel, Total	30	320	130	mg/kg	NA		NA		NA		27.2	J	NA		NA		NA	
Potassium, Total	NS	NS	NS	mg/kg	NA		NA		NA		2,210	J	NA		NA		NA	
Sodium, Total	NS	NS	NS	mg/kg	NA		NA		NA		78.8	J	NA		NA		NA	
Vanadium, Total	NS	NS	NS	mg/kg	NA		NA		NA		20.2	J	NA		NA		NA	
Zinc, Total	109	10,000	2,480	mg/kg	NA		NA		NA		74.7	J	NA		NA		NA	

TABLE 1
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HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

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					SAMPLE ID:		PCI-B-03-0.0-0.17		PCI-B-03-0.17-1.0		PCI-B-03-1.0-2.0		PCI-B-03-10.0-12.0		~~PCI-B-04_0.0-0.17~~		~~PCI-B-04_0.17-1.0~~		PCI-B-04_1.0-2.0	
					LAB ID:		25G0333-08		25G0333-09		25G0333-10		25G0333-11		~~25G0174-35~~		~~25G0174-36~~		25G0174-37	
					COLLECTION DATE:		7/2/2025		7/2/2025		7/2/2025		7/2/2025		~~7/1/2025~~		~~7/1/2025~~		7/1/2025	
					SAMPLE DEPTH (FEET BGS):		0-0.17		0.17-1		1-2		10-12		~~0-0.17~~		~~0.17-1~~		1-2	
					SAMPLE MATRIX:		Soil		Soil		Soil		Soil		~~Soil~~		~~Soil~~		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	~~**Result**~~	~~**Qualifier**~~	~~**Result**~~	~~**Qualifier**~~	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																				
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.861	R	0.863	R	0.836	R	0.897	R	~~0.889~~	~~UJ~~	~~0.851~~	~~UJ~~	0.849	R
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.215	U	0.216	U	0.209	U	0.224	U	~~0.922~~		~~0.413~~		0.212	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.215	U	0.216	U	0.209	U	0.224	U	~~0.656~~		~~0.213~~	~~U~~	0.212	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.215	U	0.216	U	0.209	U	0.224	U	~~0.184~~	~~J~~	~~0.213~~	~~U~~	0.212	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.197	U	0.197	U	0.191	U	0.205	U	~~0.203~~	~~U~~	~~0.195~~	~~U~~	0.194	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.215	U	0.216	U	0.209	U	0.224	U	~~0.245~~		~~0.155~~	~~J~~	0.212	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.215	U	0.216	U	0.209	U	0.224	U	~~0.346~~		~~0.34~~		0.212	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	0.224		0.201	U	0.194	U	0.208	U	~~**4.49**~~		~~**4.18**~~		0.241	
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.215	U	0.216	U	0.209	U	0.224	U	~~0.301~~		~~0.244~~		0.212	U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.43	U	0.431	U	0.418	U	0.448	U	~~0.255~~	~~J~~	~~0.194~~	~~J~~	0.424	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.215	U	0.216	U	0.209	U	0.224	U	~~0.215~~	~~J~~	~~0.213~~	~~U~~	0.212	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.215	U	0.216	U	0.209	U	0.224	U	~~0.307~~		~~0.213~~	~~U~~	0.212	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.215	U	0.216	U	0.209	U	0.224	U	~~0.819~~		~~0.281~~		0.212	U

Qualifiers and Notes:

NY-RESC: NY-RESC: New York Restricted Commercial use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-POGW: New York Protection of Groundwater Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

* Indicates interim guidance value per New York State DEC document: Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), 2023

D: Identified compound has been diluted.

J: Estimated value - Analyte was detected between method detection limit (MDL) and reporting limit (RL).

U: Analyte was not detected above the method detection limit (MDL).

R: Reported result was rejected by third paty data validator.

BOLD: Analyte result exceeds SCGs.

NS: No standard.

NA indicates that the referenced parameter was not analyzed.

Data has been validated by third party validator.

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	PCI-FD02-250701 (PCI-B-04)		PCI-B-04_8.0-9.0		PCI-B-05-0.0-0.17		PCI-B-05-0.17-1.0		PCI-B-05-1.0-2.0		PCI-B-06_0.0-0.17		PCI-B-06_0.17-1.0	
				LAB ID:	25G0174-52		25G0174-38		25G0333-12		25G0333-13		25G0333-14		25G0174-47		25G0174-48	
				COLLECTION DATE:	7/1/2025		7/1/2025		7/2/2025		7/2/2025		7/2/2025		7/1/2025		7/1/2025	
				SAMPLE DEPTH (FEET BGS):	1-2		8-9		0-0.17		0.17-1		1-2		0-0.17		0.17-1	
				SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																		
Acetone	0.03	500	0.03	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Semi-Volatile Organic Compounds (SVOCs)																		
Benzo(a)anthracene	1	37	1	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	1	3.7	22	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	1	37	2.1	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	0.8	47	2	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Butyl benzyl phthalate	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Chrysene	1	47	1	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Fluoranthene	85	500	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Phenanthrene	1.1	47	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Pyrene	64	500	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Metals																		
Aluminum, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Arsenic, Total	13	16	16	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Barium, Total	410	410	820	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Beryllium, Total	4.4	670	47	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Cadmium, Total	2.5	3.7	7.5	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Calcium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Chromium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Cobalt, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Copper, Total	50	270	1,720	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Iron, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Lead, Total	63	1,000	450	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Magnesium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Manganese, Total	1,600	10,000	2,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Mercury, Total	0.18	1.1	0.73	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Nickel, Total	30	320	130	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Potassium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Sodium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Vanadium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Zinc, Total	109	10,000	2,480	mg/kg	NA		NA		NA		NA		NA		NA		NA	

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	PCI-FD02-250701 (PCI-B-04)		PCI-B-04_8.0-9.0		PCI-B-05-0.0-0.17		PCI-B-05-0.17-1.0		PCI-B-05-1.0-2.0		PCI-B-06_0.0-0.17		PCI-B-06_0.17-1.0	
				LAB ID:	25G0174-52		25G0174-38		25G0333-12		25G0333-13		25G0333-14		25G0174-47		25G0174-48	
				COLLECTION DATE:	7/1/2025		7/1/2025		7/2/2025		7/2/2025		7/2/2025		7/1/2025		7/1/2025	
				SAMPLE DEPTH (FEET BGS):	1-2		8-9		0-0.17		0.17-1		1-2		0-0.17		0.17-1	
				SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																		
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.868	U	0.922	U	0.901	R	0.865	U	0.865	U	0.858	U	0.887	R
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.217	U	0.231	U	0.225	U	0.216	U	0.216	U	0.215	U	0.222	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.217	U	0.231	U	0.225	U	0.216	U	0.216	U	0.215	U	0.222	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.217	U	0.231	U	0.225	U	0.216	U	0.216	U	0.215	U	0.222	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.199	U	0.211	U	0.206	U	0.198	U	0.198	U	0.196	U	0.203	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.217	U	0.231	U	0.0623	J	0.216	U	0.216	U	0.0755	J	0.0678	J
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.217	U	0.231	U	0.225	U	0.216	U	0.216	U	0.215	U	0.215	J
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	0.196	J	0.214	U	0.189	J	0.201	U	0.201	U	0.336		0.421	
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.217	U	0.231	U	0.336		0.216	U	0.216	U	0.187	J	0.307	
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.434	U	0.461	U	0.45	U	0.433	U	0.433	U	0.13	J	0.443	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.217	U	0.231	U	0.225	U	0.216	U	0.216	U	0.215	U	0.222	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.217	U	0.231	U	0.225	U	0.216	U	0.216	U	0.215	U	0.222	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.217	U	0.231	U	0.225	U	0.216	U	0.216	U	0.215	U	0.222	U

Qualifiers and Notes:

NY-RESC: NY-RESC: New York Restricted Commercial use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-POGW: New York Protection of Groundwater Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

* Indicates interim guidance value per New York State DEC document: Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), 2023

D: Identified compound has been diluted.

J: Estimated value - Analyte was detected between method detection limit (MDL) and reporting limit (RL).

U: Analyte was not detected above the method detection limit (MDL).

R: Reported result was rejected by third paty data validator.

BOLD: Analyte result exceeds SCGs.

NS: No standard.

NA indicates that the referenced parameter was not analyzed.

Data has been validated by third party validator.

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

					SAMPLE ID:		PCI-B-06_1.0-2.0		PCI-B-06_8.0-10.0		PCI-B-07-0.0-0.17		PCI-B-07-0.17-1.0		PCI-B-07-1.0-2.0		PCI-B-07-7.0-9.5		PCI-FD01-250702 (PCI-B-07)	
					LAB ID:		25G0174-49		25G0174-50		25G0333-24		25G0333-25		25G0333-26		25G0333-27		25G0333-44	
					COLLECTION DATE:		7/1/2025		7/1/2025		7/2/2025		7/2/2025		7/2/2025		7/2/2025		7/2/2025	
					SAMPLE DEPTH (FEET BGS):		1-2		8-10		0-0.17		0.17-1		1-2		7-9.5		7-9.5	
					SAMPLE MATRIX:		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																				
Acetone	0.03	500	0.03	mg/kg	NA		0.004	J	NA		NA		NA		NA		0.0088	U	0.0089	U
Semi-Volatile Organic Compounds (SVOCs)																				
Benzo(a)anthracene	1	37	1	mg/kg	NA		0.0925	U	NA		NA		NA		NA		0.086	U	0.0886	U
Benzo(a)pyrene	1	3.7	22	mg/kg	NA		0.0925	U	NA		NA		NA		NA		0.086	U	0.0886	U
Benzo(b)fluoranthene	1	37	2.1	mg/kg	NA		0.0925	U	NA		NA		NA		NA		0.086	U	0.0886	U
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	NA		0.0925	U	NA		NA		NA		NA		0.086	U	0.0886	U
Benzo(k)fluoranthene	0.8	47	2	mg/kg	NA		0.0925	U	NA		NA		NA		NA		0.086	U	0.0886	U
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	NA		0.0925	U	NA		NA		NA		NA		0.086	U	0.0886	U
Butyl benzyl phthalate	NS	NS	NS	mg/kg	NA		0.0925	U	NA		NA		NA		NA		0.086	U	0.0886	U
Chrysene	1	47	1	mg/kg	NA		0.0925	U	NA		NA		NA		NA		0.086	U	0.0886	U
Fluoranthene	85	500	1,000	mg/kg	NA		0.0925	U	NA		NA		NA		NA		0.086	U	0.0886	U
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	NA		0.0925	U	NA		NA		NA		NA		0.086	U	0.0886	U
Phenanthrene	1.1	47	1,000	mg/kg	NA		0.0925	U	NA		NA		NA		NA		0.086	U	0.0886	U
Pyrene	64	500	1,000	mg/kg	NA		0.0925	U	NA		NA		NA		NA		0.086	U	0.0886	U
Metals																				
Aluminum, Total	NS	NS	NS	mg/kg	NA		17,600		NA		NA		NA		NA		16,300	J	17500	J
Arsenic, Total	13	16	16	mg/kg	NA		5.71		NA		NA		NA		NA		6.13	J	6.11	J
Barium, Total	410	410	820	mg/kg	NA		64.3		NA		NA		NA		NA		41.9	J	38.1	J
Beryllium, Total	4.4	670	47	mg/kg	NA		0.595		NA		NA		NA		NA		0.507	J	0.538	J
Cadmium, Total	2.5	3.7	7.5	mg/kg	NA		0.278	U	NA		NA		NA		NA		0.259	U	0.267	U
Calcium, Total	NS	NS	NS	mg/kg	NA		11,400		NA		NA		NA		NA		456	J	435	J
Chromium, Total	NS	NS	NS	mg/kg	NA		18.1		NA		NA		NA		NA		14.8	J	15.5	J
Cobalt, Total	NS	NS	NS	mg/kg	NA		10.9		NA		NA		NA		NA		10.6	J	10.7	J
Copper, Total	50	270	1,720	mg/kg	NA		28.9		NA		NA		NA		NA		32.8	J	**52.9**	J
Iron, Total	NS	NS	NS	mg/kg	NA		28,200		NA		NA		NA		NA		30,000	J	30500	J
Lead, Total	63	1,000	450	mg/kg	NA		14.1		NA		NA		NA		NA		17.3	J	17.4	J
Magnesium, Total	NS	NS	NS	mg/kg	NA		7,210		NA		NA		NA		NA		7,250	J	7060	J
Manganese, Total	1,600	10,000	2,000	mg/kg	NA		496		NA		NA		NA		NA		1,160	J	963	J
Mercury, Total	0.18	1.1	0.73	mg/kg	NA		0.0334	U	NA		NA		NA		NA		0.065		0.0335	
Nickel, Total	30	320	130	mg/kg	NA		23.6		NA		NA		NA		NA		24.2	J	24.5	J
Potassium, Total	NS	NS	NS	mg/kg	NA		1,890		NA		NA		NA		NA		909	J	1120	J
Sodium, Total	NS	NS	NS	mg/kg	NA		61.8		NA		NA		NA		NA		43.2	U	44.6	U
Vanadium, Total	NS	NS	NS	mg/kg	NA		20		NA		NA		NA		NA		15.8	J	16.7	J
Zinc, Total	109	10,000	2,480	mg/kg	NA		62.8		NA		NA		NA		NA		63.3	J	62.3	J

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	**PCI-B-06_1.0-2.0**		**PCI-B-06_8.0-10.0**		**PCI-B-07-0.0-0.17**		**PCI-B-07-0.17-1.0**		**PCI-B-07-1.0-2.0**		**PCI-B-07-7.0-9.5**		**PCI-FD01-250702 (PCI-B-07)**	
				LAB ID:	**25G0174-49**		**25G0174-50**		**25G0333-24**		**25G0333-25**		**25G0333-26**		**25G0333-27**		**25G0333-44**	
				COLLECTION DATE:	**7/1/2025**		**7/1/2025**		**7/2/2025**		**7/2/2025**		**7/2/2025**		**7/2/2025**		**7/2/2025**	
				SAMPLE DEPTH (FEET BGS):	**1-2**		**8-10**		**0-0.17**		**0.17-1**		**1-2**		**7-9.5**		**7-9.5**	
				SAMPLE MATRIX:	**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																		
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.87	U	0.882	R	0.961	R	0.892	R	0.879	R	0.83	UJ	0.856	UJ
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.217	U	0.22	U	0.24	U	0.223	U	0.22	U	0.208	U	0.214	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.217	U	0.22	U	0.24	U	0.223	U	0.22	U	0.208	U	0.214	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.217	U	0.22	U	0.24	U	0.223	U	0.22	U	0.208	U	0.214	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.199	U	0.202	U	0.22	U	0.204	U	0.201	U	0.19	U	0.196	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.217	U	0.22	U	0.24	U	0.223	U	0.22	U	0.208	U	0.214	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.217	U	0.22	U	0.24	U	0.223	U	0.22	U	0.208	U	0.214	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	0.202	U	0.205	U	0.224	U	0.208		0.204	U	0.193	U	0.199	U
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.217	U	0.22	U	0.24	U	0.202	J	0.22	U	0.208	U	0.214	U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.435	U	0.441	U	0.481	U	0.446	U	0.439	U	0.415	U	0.428	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.217	U	0.22	U	0.24	U	0.223	U	0.22	U	0.208	U	0.214	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.217	U	0.22	U	0.24	U	0.223	U	0.22	U	0.208	U	0.214	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.217	U	0.22	U	0.24	U	0.223	U	0.22	U	0.208	U	0.214	U

Qualifiers and Notes:

NY-RESC: NY-RESC: New York Restricted Commercial use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-POGW: New York Protection of Groundwater Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

* Indicates interim guidance value per New York State DEC document: Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), 2023

D: Identified compound has been diluted.

J: Estimated value - Analyte was detected between method detection limit (MDL) and reporting limit (RL).

U: Analyte was not detected above the method detection limit (MDL).

R: Reported result was rejected by third paty data validator.

BOLD: Analyte result exceeds SCGs.

NS: No standard.

NA indicates that the referenced parameter was not analyzed.

Data has been validated by third party validator.

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	PCI-B-08-0.0-0.17		PCI-B-08-0.17-1.0		PCI-B-08-1.0-2.0		PCI-B-08-10.0-12.0		PCI-B-09_0.0-0.17		PCI-B-09_0.17-1.0		PCI-B-09_1.0-2.0	
				LAB ID:	25G0333-04		25G0333-05		25G0333-06		25G0333-07		25G0174-07		25G0174-08		25G0174-09	
				COLLECTION DATE:	7/2/2025		7/2/2025		7/2/2025		7/2/2025		7/1/2025		7/1/2025		7/1/2025	
				SAMPLE DEPTH (FEET BGS):	0-0.17		0.17-1		1-1.2		10-12		0-0.17		0.17-1		1-2	
				SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																		
Acetone	0.03	500	0.03	mg/kg	NA		NA		NA		0.0097	U	NA		NA		NA	
Semi-Volatile Organic Compounds (SVOCs)																		
Benzo(a)anthracene	1	37	1	mg/kg	NA		NA		NA		0.0922	U	NA		NA		NA	
Benzo(a)pyrene	1	3.7	22	mg/kg	NA		NA		NA		0.0922	U	NA		NA		NA	
Benzo(b)fluoranthene	1	37	2.1	mg/kg	NA		NA		NA		0.0922	U	NA		NA		NA	
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	NA		NA		NA		0.0922	U	NA		NA		NA	
Benzo(k)fluoranthene	0.8	47	2	mg/kg	NA		NA		NA		0.0922	U	NA		NA		NA	
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	NA		NA		NA		0.0922	U	NA		NA		NA	
Butyl benzyl phthalate	NS	NS	NS	mg/kg	NA		NA		NA		0.0922	U	NA		NA		NA	
Chrysene	1	47	1	mg/kg	NA		NA		NA		0.0922	U	NA		NA		NA	
Fluoranthene	85	500	1,000	mg/kg	NA		NA		NA		0.0922	U	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	NA		NA		NA		0.0922	U	NA		NA		NA	
Phenanthrene	1.1	47	1,000	mg/kg	NA		NA		NA		0.0922	U	NA		NA		NA	
Pyrene	64	500	1,000	mg/kg	NA		NA		NA		0.0922	U	NA		NA		NA	
Metals																		
Aluminum, Total	NS	NS	NS	mg/kg	NA		NA		NA		15,400	J	NA		NA		NA	
Arsenic, Total	13	16	16	mg/kg	NA		NA		NA		6.02	J	NA		NA		NA	
Barium, Total	410	410	820	mg/kg	NA		NA		NA		42.3	J	NA		NA		NA	
Beryllium, Total	4.4	670	47	mg/kg	NA		NA		NA		0.529	J	NA		NA		NA	
Cadmium, Total	2.5	3.7	7.5	mg/kg	NA		NA		NA		0.279	U	NA		NA		NA	
Calcium, Total	NS	NS	NS	mg/kg	NA		NA		NA		753	J	NA		NA		NA	
Chromium, Total	NS	NS	NS	mg/kg	NA		NA		NA		14.9	J	NA		NA		NA	
Cobalt, Total	NS	NS	NS	mg/kg	NA		NA		NA		10	J	NA		NA		NA	
Copper, Total	50	270	1,720	mg/kg	NA		NA		NA		29	J	NA		NA		NA	
Iron, Total	NS	NS	NS	mg/kg	NA		NA		NA		31,900	J	NA		NA		NA	
Lead, Total	63	1,000	450	mg/kg	NA		NA		NA		16.4	J	NA		NA		NA	
Magnesium, Total	NS	NS	NS	mg/kg	NA		NA		NA		7,490	J	NA		NA		NA	
Manganese, Total	1,600	10,000	2,000	mg/kg	NA		NA		NA		1,110	J	NA		NA		NA	
Mercury, Total	0.18	1.1	0.73	mg/kg	NA		NA		NA		0.0506		NA		NA		NA	
Nickel, Total	30	320	130	mg/kg	NA		NA		NA		24	J	NA		NA		NA	
Potassium, Total	NS	NS	NS	mg/kg	NA		NA		NA		1,170	J	NA		NA		NA	
Sodium, Total	NS	NS	NS	mg/kg	NA		NA		NA		46.5	U	NA		NA		NA	
Vanadium, Total	NS	NS	NS	mg/kg	NA		NA		NA		16	J	NA		NA		NA	
Zinc, Total	109	10,000	2,480	mg/kg	NA		NA		NA		67.7	J	NA		NA		NA	

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	**PCI-B-08-0.0-0.17**		**PCI-B-08-0.17-1.0**		**PCI-B-08-1.0-2.0**		**PCI-B-08-10.0-12.0**		**PCI-B-09_0.0-0.17**		**PCI-B-09_0.17-1.0**		**PCI-B-09_1.0-2.0**	
				LAB ID:	**25G0333-04**		**25G0333-05**		**25G0333-06**		**25G0333-07**		**25G0174-07**		**25G0174-08**		**25G0174-09**	
				COLLECTION DATE:	**7/2/2025**		**7/2/2025**		**7/2/2025**		**7/2/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
				SAMPLE DEPTH (FEET BGS):	**0-0.17**		**0.17-1**		**1-1.2**		**10-12**		**0-0.17**		**0.17-1**		**1-2**	
				SAMPLE MATRIX:	**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																		
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.995	R	0.901	R	0.878	R	NA		0.82	R	0.859	R	0.877	R
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.249	U	0.225	U	0.219	U	NA		0.205	U	0.215	U	0.219	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.249	U	0.225	U	0.219	U	NA		0.205	U	0.215	U	0.219	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.134	J	0.225	U	0.219	U	NA		0.205	U	0.215	U	0.219	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.228	U	0.206	U	0.201	U	NA		0.188	U	0.197	U	0.201	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.098	J	0.225	U	0.219	U	NA		0.205	U	0.215	U	0.219	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.252		0.225	U	0.219	U	NA		0.205	U	0.215	U	0.219	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	0.472		0.21	U	0.204	U	NA		0.191	U	0.2	U	0.204	U
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.444		0.225	U	0.219	U	NA		0.205	U	0.215	U	0.219	U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.19	J	0.451	U	0.439	U	NA		0.41	U	0.43	R	0.438	R
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.249	U	0.225	U	0.219	U	NA		0.205	U	0.215	U	0.219	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.249	U	0.225	U	0.219	U	NA		0.205	U	0.215	U	0.219	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.249	U	0.225	U	0.219	U	NA		0.205	U	0.215	U	0.219	U

Qualifiers and Notes:

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D: Identified compound has been diluted.

J: Estimated value - Analyte was detected between method detection limit (MDL) and reporting limit (RL).

U: Analyte was not detected above the method detection limit (MDL).

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BOLD: Analyte result exceeds SCGs.

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TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

					SAMPLE ID:		PCI-B-09_8.0-9.5		PCI-B-10_0.0-0.17		PCI-B-10_0.17-1.0		PCI-B-10_1.0-2.0		PCI-B-11-0.0-0.17		PCI-B-11-0.17-1.0		PCI-B-11-1.0-2.0	
					LAB ID:		25G0174-10		25G0174-11		25G0174-12		25G0174-13		25G0333-20		25G0333-21		25G0333-22	
					COLLECTION DATE:		7/1/2025		7/1/2025		7/1/2025		7/1/2025		7/2/2025		7/2/2025		7/2/2025	
					SAMPLE DEPTH (FEET BGS):		8-9.5		0-0.17		0.17-1		1-2		0-0.17		0.17-1		1-2	
					SAMPLE MATRIX:		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																				
Acetone	0.03	500	0.03	mg/kg	0.009	U	NA		NA		NA		NA		NA		NA		NA	
Semi-Volatile Organic Compounds (SVOCs)																				
Benzo(a)anthracene	1	37	1	mg/kg	0.0883	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	1	3.7	22	mg/kg	0.0883	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	1	37	2.1	mg/kg	0.0883	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	0.0883	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	0.8	47	2	mg/kg	0.0883	U	NA		NA		NA		NA		NA		NA		NA	
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	0.0883	U	NA		NA		NA		NA		NA		NA		NA	
Butyl benzyl phthalate	NS	NS	NS	mg/kg	0.0883	U	NA		NA		NA		NA		NA		NA		NA	
Chrysene	1	47	1	mg/kg	0.0883	U	NA		NA		NA		NA		NA		NA		NA	
Fluoranthene	85	500	1,000	mg/kg	0.0883	U	NA		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	0.0883	U	NA		NA		NA		NA		NA		NA		NA	
Phenanthrene	1.1	47	1,000	mg/kg	0.0883	U	NA		NA		NA		NA		NA		NA		NA	
Pyrene	64	500	1,000	mg/kg	0.0883	U	NA		NA		NA		NA		NA		NA		NA	
Metals																				
Aluminum, Total	NS	NS	NS	mg/kg	16,200		NA		NA		NA		NA		NA		NA		NA	
Arsenic, Total	13	16	16	mg/kg	5.42		NA		NA		NA		NA		NA		NA		NA	
Barium, Total	410	410	820	mg/kg	45		NA		NA		NA		NA		NA		NA		NA	
Beryllium, Total	4.4	670	47	mg/kg	0.54		NA		NA		NA		NA		NA		NA		NA	
Cadmium, Total	2.5	3.7	7.5	mg/kg	0.266	U	NA		NA		NA		NA		NA		NA		NA	
Calcium, Total	NS	NS	NS	mg/kg	916		NA		NA		NA		NA		NA		NA		NA	
Chromium, Total	NS	NS	NS	mg/kg	15.4		NA		NA		NA		NA		NA		NA		NA	
Cobalt, Total	NS	NS	NS	mg/kg	10.7		NA		NA		NA		NA		NA		NA		NA	
Copper, Total	50	270	1,720	mg/kg	33.4		NA		NA		NA		NA		NA		NA		NA	
Iron, Total	NS	NS	NS	mg/kg	31,700		NA		NA		NA		NA		NA		NA		NA	
Lead, Total	63	1,000	450	mg/kg	18		NA		NA		NA		NA		NA		NA		NA	
Magnesium, Total	NS	NS	NS	mg/kg	6,660		NA		NA		NA		NA		NA		NA		NA	
Manganese, Total	1,600	10,000	2,000	mg/kg	935		NA		NA		NA		NA		NA		NA		NA	
Mercury, Total	0.18	1.1	0.73	mg/kg	0.0319	U	NA		NA		NA		NA		NA		NA		NA	
Nickel, Total	30	320	130	mg/kg	23.6		NA		NA		NA		NA		NA		NA		NA	
Potassium, Total	NS	NS	NS	mg/kg	1,180		NA		NA		NA		NA		NA		NA		NA	
Sodium, Total	NS	NS	NS	mg/kg	56.8		NA		NA		NA		NA		NA		NA		NA	
Vanadium, Total	NS	NS	NS	mg/kg	16.4		NA		NA		NA		NA		NA		NA		NA	
Zinc, Total	109	10,000	2,480	mg/kg	72.5		NA		NA		NA		NA		NA		NA		NA	

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	**PCI-B-09_8.0-9.5**		**PCI-B-10_0.0-0.17**		**PCI-B-10_0.17-1.0**		**PCI-B-10_1.0-2.0**		**PCI-B-11-0.0-0.17**		**PCI-B-11-0.17-1.0**		**PCI-B-11-1.0-2.0**	
				LAB ID:	**25G0174-10**		**25G0174-11**		**25G0174-12**		**25G0174-13**		**25G0333-20**		**25G0333-21**		**25G0333-22**	
				COLLECTION DATE:	**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/2/2025**		**7/2/2025**		**7/2/2025**	
				SAMPLE DEPTH (FEET BGS):	**8-9.5**		**0-0.17**		**0.17-1**		**1-2**		**0-0.17**		**0.17-1**		**1-2**	
				SAMPLE MATRIX:	**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																		
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.847	R	0.888	R	0.851	R	0.868	R	1.01	R	0.852	U	0.856	U
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.212	U	0.222	U	0.213	U	0.217	U	0.253	U	0.213	U	0.214	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.212	U	0.222	U	0.213	U	0.217	U	0.253	U	0.213	U	0.214	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.212	U	0.222	U	0.213	U	0.217	U	0.253	U	0.213	U	0.214	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.194	U	0.203	U	0.195	U	0.199	U	0.231	U	0.195	U	0.196	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.212	U	0.222	U	0.213	U	0.217	U	0.253	U	0.213	U	0.214	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.212	U	0.222	U	0.213	U	0.217	U	0.253	U	0.213	U	0.214	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	0.197	U	0.206	U	0.198	U	0.202	U	0.626		0.198	U	0.199	U
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.212	U	0.222	U	0.213	U	0.217	U	0.253	U	0.213	U	0.214	U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.423	R	0.444	R	0.425	U	0.434	U	0.506	U	0.426	U	0.428	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.212	U	0.222	U	0.213	U	0.217	U	0.253	U	0.213	U	0.214	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.212	U	0.222	U	0.213	U	0.217	U	0.253	U	0.213	U	0.214	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.212	U	0.222	U	0.213	U	0.217	U	0.253	U	0.213	U	0.214	U

Qualifiers and Notes:

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HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

				SAMPLE ID:	~~PCI-B-12-0.0-0.17~~		PCI-B-12-0.17-1.0		PCI-B-12-1.0-2.0		PCI-B-12-10.0-11.0		PCI-B-13_0.0-0.17		PCI-B-13_0.17-1.0		PCI-B-13_1.0-2.0	
				LAB ID:	~~25G0333-16~~		25G0333-17		25G0333-18		25G0333-19		25G0174-43		25G0174-44		25G0174-45	
				COLLECTION DATE:	~~7/2/2025~~		7/2/2025		7/2/2025		7/2/2025		7/1/2025		7/1/2025		7/1/2025	
				SAMPLE DEPTH (FEET BGS):	~~0-0.17~~		0.17-1		1-2		10-11		0-0.17		0.17-1		1-2	
				SAMPLE MATRIX:	~~Soil~~		Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																		
Acetone	0.03	500	0.03	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Semi-Volatile Organic Compounds (SVOCs)																		
Benzo(a)anthracene	1	37	1	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	1	3.7	22	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	1	37	2.1	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	0.8	47	2	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Butyl benzyl phthalate	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Chrysene	1	47	1	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Fluoranthene	85	500	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Phenanthrene	1.1	47	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Pyrene	64	500	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Metals																		
Aluminum, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Arsenic, Total	13	16	16	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Barium, Total	410	410	820	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Beryllium, Total	4.4	670	47	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Cadmium, Total	2.5	3.7	7.5	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Calcium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Chromium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Cobalt, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Copper, Total	50	270	1,720	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Iron, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Lead, Total	63	1,000	450	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Magnesium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Manganese, Total	1,600	10,000	2,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Mercury, Total	0.18	1.1	0.73	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Nickel, Total	30	320	130	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Potassium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Sodium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Vanadium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Zinc, Total	109	10,000	2,480	mg/kg	NA		NA		NA		NA		NA		NA		NA	

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

					SAMPLE ID:		PCI-B-12-0.17-1.0		PCI-B-12-1.0-2.0		PCI-B-12-10.0-11.0		PCI-B-13_0.0-0.17		PCI-B-13_0.17-1.0		PCI-B-13_1.0-2.0	
					LAB ID:		25G0333-17		25G0333-18		25G0333-19		25G0174-43		25G0174-44		25G0174-45	
					COLLECTION DATE:		7/2/2025		7/2/2025		7/2/2025		7/1/2025		7/1/2025		7/1/2025	
					SAMPLE DEPTH (FEET BGS):		0.17-1		1-2		10-11		0-0.17		0.17-1		1-2	
					SAMPLE MATRIX:		Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																		
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.257	J	0.883	U	0.915	R	1.01	U	0.875	UJ	0.845	R	0.858	U
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.23	U	0.221	U	0.229	U	0.252	U	0.219	U	0.211	U	0.214	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.23	U	0.221	U	0.229	U	0.252	U	0.219	U	0.211	U	0.214	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.23	U	0.221	U	0.229	U	0.252	U	0.132	J	0.211	U	0.214	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.211	U	0.202	U	0.209	U	0.231	U	0.2	U	0.193	U	0.196	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.23	U	0.221	U	0.229	U	0.252	U	0.0896	J	0.211	U	0.214	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.23	U	0.221	U	0.229	U	0.252	U	0.247		0.211	U	0.214	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	**1.09**		0.644		0.512		0.26		0.666		0.196	U	0.199	U
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.23	U	0.221	U	0.229	U	0.252	U	0.43		0.211	U	0.214	U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.128	J	0.442	U	0.458	U	0.504	U	0.438	U	0.422	U	0.429	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.23	U	0.221	U	0.229	U	0.252	U	0.219	U	0.211	U	0.214	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.23	U	0.221	U	0.229	U	0.252	U	0.219	U	0.211	U	0.214	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.23	U	0.221	U	0.229	U	0.252	U	0.219	U	0.211	U	0.214	U

Qualifiers and Notes:

NY-RESC: NY-RESC: New York Restricted Commercial use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-POGW: New York Protection of Groundwater Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

* Indicates interim guidance value per New York State DEC document: Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), 2023

D: Identified compound has been diluted.

J: Estimated value - Analyte was detected between method detection limit (MDL) and reporting limit (RL).

U: Analyte was not detected above the method detection limit (MDL).

R: Reported result was rejected by third paty data validator.

BOLD: Analyte result exceeds SCGs.

NS: No standard.

NA indicates that the referenced parameter was not analyzed.

Data has been validated by third party validator.

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	PCI-B-13_7.0-9.0		PCI-B-14-0.0-0.17		PCI-B-14-0.17-1.0		PCI-B-14-1.0-2.0		PCI-FD02-250702 (PCI-B-14)		PCI-B-14-6.0-8.0		PCI-B-15_0.0-0.17	
				LAB ID:	25G0174-46		25G0333-36		25G0333-37		25G0333-38		25G0333-51		25G0333-39		25G0174-19	
				COLLECTION DATE:	7/1/2025		7/2/2025		7/2/2025		7/2/2025		7/2/2025		7/2/2025		7/1/2025	
				SAMPLE DEPTH (FEET BGS):	7-9		0-0.17		0.17-1		1-2		1-2		6-8		0-0.17	
				SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																		
Acetone	0.03	500	0.03	mg/kg	NA		NA		NA		NA		NA		0.0098	U	NA	
Semi-Volatile Organic Compounds (SVOCs)																		
Benzo(a)anthracene	1	37	1	mg/kg	NA		NA		NA		NA		NA		0.087	U	NA	
Benzo(a)pyrene	1	3.7	22	mg/kg	NA		NA		NA		NA		NA		0.087	U	NA	
Benzo(b)fluoranthene	1	37	2.1	mg/kg	NA		NA		NA		NA		NA		0.087	U	NA	
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	NA		NA		NA		NA		NA		0.087	U	NA	
Benzo(k)fluoranthene	0.8	47	2	mg/kg	NA		NA		NA		NA		NA		0.087	U	NA	
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		0.087	U	NA	
Butyl benzyl phthalate	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		0.087	U	NA	
Chrysene	1	47	1	mg/kg	NA		NA		NA		NA		NA		0.087	U	NA	
Fluoranthene	85	500	1,000	mg/kg	NA		NA		NA		NA		NA		0.087	U	NA	
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	NA		NA		NA		NA		NA		0.087	U	NA	
Phenanthrene	1.1	47	1,000	mg/kg	NA		NA		NA		NA		NA		0.087	U	NA	
Pyrene	64	500	1,000	mg/kg	NA		NA		NA		NA		NA		0.087	U	NA	
Metals																		
Aluminum, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		15,200	J	NA	
Arsenic, Total	13	16	16	mg/kg	NA		NA		NA		NA		NA		7.1	J	NA	
Barium, Total	410	410	820	mg/kg	NA		NA		NA		NA		NA		37.2	J	NA	
Beryllium, Total	4.4	670	47	mg/kg	NA		NA		NA		NA		NA		0.469	J	NA	
Cadmium, Total	2.5	3.7	7.5	mg/kg	NA		NA		NA		NA		NA		0.262	U	NA	
Calcium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		1,530	J	NA	
Chromium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		15.5	J	NA	
Cobalt, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		10.7	J	NA	
Copper, Total	50	270	1,720	mg/kg	NA		NA		NA		NA		NA		32.5	J	NA	
Iron, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		34,200	J	NA	
Lead, Total	63	1,000	450	mg/kg	NA		NA		NA		NA		NA		14.7	J	NA	
Magnesium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		8,090	J	NA	
Manganese, Total	1,600	10,000	2,000	mg/kg	NA		NA		NA		NA		NA		1,020	J	NA	
Mercury, Total	0.18	1.1	0.73	mg/kg	NA		NA		NA		NA		NA		0.0315	U	NA	
Nickel, Total	30	320	130	mg/kg	NA		NA		NA		NA		NA		26.9	J	NA	
Potassium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		908	J	NA	
Sodium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		43.7	U	NA	
Vanadium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		15.9	J	NA	
Zinc, Total	109	10,000	2,480	mg/kg	NA		NA		NA		NA		NA		73.2	J	NA	

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	**PCI-B-13_7.0-9.0**		**PCI-B-14-0.0-0.17**		**PCI-B-14-0.17-1.0**		**PCI-B-14-1.0-2.0**		**PCI-FD02-250702 (PCI-B-14)**		**PCI-B-14-6.0-8.0**		**PCI-B-15_0.0-0.17**	
				LAB ID:	**25G0174-46**		**25G0333-36**		**25G0333-37**		**25G0333-38**		**25G0333-51**		**25G0333-39**		**25G0174-19**	
				COLLECTION DATE:	**7/1/2025**		**7/2/2025**		**7/2/2025**		**7/2/2025**		**7/2/2025**		**7/2/2025**		**7/1/2025**	
				SAMPLE DEPTH (FEET BGS):	**7-9**		**0-0.17**		**0.17-1**		**1-2**		**1-2**		**6-8**		**0-0.17**	
				SAMPLE MATRIX:	**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																		
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.874	U	0.844	R	0.827	R	0.827	R	0.827	R	0.84	R	0.851	R
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.219	U	0.211	U	0.207	U	0.207	U	0.207	U	0.21	U	0.213	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.219	U	0.211	U	0.207	U	0.207	U	0.207	U	0.21	U	0.213	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.219	U	0.211	U	0.207	U	0.207	U	0.207	U	0.21	U	0.213	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.2	U	0.193	U	0.189	U	0.189	U	0.189	U	0.192	U	0.195	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.219	U	0.211	U	0.207	U	0.207	U	0.207	U	0.21	U	0.213	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.219	U	0.211	U	0.207	U	0.207	U	0.207	U	0.21	U	0.213	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	0.203	U	0.196	U	0.192	U	0.192	U	0.192	U	0.195	U	0.198	U
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.219	U	0.211	U	0.207	U	0.207	U	0.207	U	0.21	U	0.213	U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.437	U	0.422	U	0.413	U	0.414	U	0.413	U	0.42	U	0.426	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.219	U	0.211	U	0.207	U	0.207	U	0.207	U	0.21	U	0.213	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.219	U	0.211	U	0.207	U	0.207	U	0.207	U	0.21	U	0.213	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.219	U	0.211	U	0.207	U	0.207	U	0.207	U	0.21	U	0.213	U

Qualifiers and Notes:

NY-RESC: NY-RESC: New York Restricted Commercial use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-POGW: New York Protection of Groundwater Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

* Indicates interim guidance value per New York State DEC document: Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), 2023

D: Identified compound has been diluted.

J: Estimated value - Analyte was detected between method detection limit (MDL) and reporting limit (RL).

U: Analyte was not detected above the method detection limit (MDL).

R: Reported result was rejected by third paty data validator.

BOLD: Analyte result exceeds SCGs.

NS: No standard.

NA indicates that the referenced parameter was not analyzed.

Data has been validated by third party validator.

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	PCI-B-15_0.17-1.0		PCI-B-15_1.0-2.0		PCI-B-15_10.0-12.0		PCI-B-16_0.0-0.17		PCI-B-16_0.17-1.0		PCI-B-16_1.0-2.0		PCI-FD01-250701 (PCI-B-16)	
				LAB ID:	25G0174-20		25G0174-21		25G0174-22		25G0174-03		25G0174-04		25G0174-05		25G0174-51	
				COLLECTION DATE:	7/1/2025		7/1/2025		7/1/2025		7/1/2025		7/1/2025		7/1/2025		7/1/2025	
				SAMPLE DEPTH (FEET BGS):	0.17-1		1-2		10-12		0-0.17		0.17-1		1-2		1-2	
				SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																		
Acetone	0.03	500	0.03	mg/kg	NA		NA		0.0054	J	NA		NA		NA		NA	
Semi-Volatile Organic Compounds (SVOCs)																		
Benzo(a)anthracene	1	37	1	mg/kg	NA		NA		0.089	U	NA		NA		NA		NA	
Benzo(a)pyrene	1	3.7	22	mg/kg	NA		NA		0.089	U	NA		NA		NA		NA	
Benzo(b)fluoranthene	1	37	2.1	mg/kg	NA		NA		0.089	U	NA		NA		NA		NA	
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	NA		NA		0.089	U	NA		NA		NA		NA	
Benzo(k)fluoranthene	0.8	47	2	mg/kg	NA		NA		0.089	U	NA		NA		NA		NA	
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	NA		NA		0.089	U	NA		NA		NA		NA	
Butyl benzyl phthalate	NS	NS	NS	mg/kg	NA		NA		0.089	U	NA		NA		NA		NA	
Chrysene	1	47	1	mg/kg	NA		NA		0.089	U	NA		NA		NA		NA	
Fluoranthene	85	500	1,000	mg/kg	NA		NA		0.089	U	NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	NA		NA		0.089	U	NA		NA		NA		NA	
Phenanthrene	1.1	47	1,000	mg/kg	NA		NA		0.089	U	NA		NA		NA		NA	
Pyrene	64	500	1,000	mg/kg	NA		NA		0.089	U	NA		NA		NA		NA	
Metals																		
Aluminum, Total	NS	NS	NS	mg/kg	NA		NA		15,700		NA		NA		NA		NA	
Arsenic, Total	13	16	16	mg/kg	NA		NA		7.35		NA		NA		NA		NA	
Barium, Total	410	410	820	mg/kg	NA		NA		66.3		NA		NA		NA		NA	
Beryllium, Total	4.4	670	47	mg/kg	NA		NA		0.563		NA		NA		NA		NA	
Cadmium, Total	2.5	3.7	7.5	mg/kg	NA		NA		0.27	U	NA		NA		NA		NA	
Calcium, Total	NS	NS	NS	mg/kg	NA		NA		1,680		NA		NA		NA		NA	
Chromium, Total	NS	NS	NS	mg/kg	NA		NA		15.8		NA		NA		NA		NA	
Cobalt, Total	NS	NS	NS	mg/kg	NA		NA		10.8		NA		NA		NA		NA	
Copper, Total	50	270	1,720	mg/kg	NA		NA		30.9		NA		NA		NA		NA	
Iron, Total	NS	NS	NS	mg/kg	NA		NA		30,300		NA		NA		NA		NA	
Lead, Total	63	1,000	450	mg/kg	NA		NA		17.2		NA		NA		NA		NA	
Magnesium, Total	NS	NS	NS	mg/kg	NA		NA		7,000		NA		NA		NA		NA	
Manganese, Total	1,600	10,000	2,000	mg/kg	NA		NA		1,270		NA		NA		NA		NA	
Mercury, Total	0.18	1.1	0.73	mg/kg	NA		NA		0.0323	U	NA		NA		NA		NA	
Nickel, Total	30	320	130	mg/kg	NA		NA		24.3		NA		NA		NA		NA	
Potassium, Total	NS	NS	NS	mg/kg	NA		NA		1,270		NA		NA		NA		NA	
Sodium, Total	NS	NS	NS	mg/kg	NA		NA		51.1		NA		NA		NA		NA	
Vanadium, Total	NS	NS	NS	mg/kg	NA		NA		16.4		NA		NA		NA		NA	
Zinc, Total	109	10,000	2,480	mg/kg	NA		NA		65.3		NA		NA		NA		NA	

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	**PCI-B-15_0.17-1.0**		**PCI-B-15_1.0-2.0**		**PCI-B-15_10.0-12.0**		**PCI-B-16_0.0-0.17**		**PCI-B-16_0.17-1.0**		**PCI-B-16_1.0-2.0**		**PCI-FD01-250701 (PCI-B-16)**	
				LAB ID:	**25G0174-20**		**25G0174-21**		**25G0174-22**		**25G0174-03**		**25G0174-04**		**25G0174-05**		**25G0174-51**	
				COLLECTION DATE:	**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
				SAMPLE DEPTH (FEET BGS):	**0.17-1**		**1-2**		**10-12**		**0-0.17**		**0.17-1**		**1-2**		**1-2**	
				SAMPLE MATRIX:	**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																		
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.865	R	0.866	R	0.859	R	0.876	R	0.86	R	0.872	R	0.858	U
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.216	U	0.216	U	0.215	U	0.219	U	0.215	U	0.218	U	0.214	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.216	U	0.216	U	0.215	U	0.219	U	0.215	U	0.218	U	0.214	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.216	U	0.216	U	0.215	U	0.219	U	0.215	U	0.218	U	0.214	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.198	U	0.198	U	0.196	U	0.2	U	0.197	U	0.199	U	0.196	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.216	U	0.216	U	0.215	U	0.219	U	0.215	U	0.218	U	0.214	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.216	U	0.216	U	0.215	U	0.219	U	0.215	U	0.218	U	0.214	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	0.201	U	0.201	U	0.2	U	0.204	U	0.2	U	0.203	U	0.199	U
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.216	U	0.216	U	0.215	U	0.219	U	0.215	U	0.218	U	0.214	U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.432	U	0.433	U	0.429	U	0.438	R	0.43	R	0.436	R	0.429	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.216	U	0.216	U	0.215	U	0.219	U	0.215	U	0.218	U	0.214	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.216	U	0.216	U	0.215	U	0.219	U	0.215	U	0.218	U	0.214	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.216	U	0.216	U	0.215	U	0.219	U	0.215	U	0.218	U	0.214	U

Qualifiers and Notes:

NY-RESC: NY-RESC: New York Restricted Commercial use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-POGW: New York Protection of Groundwater Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

* Indicates interim guidance value per New York State DEC document: Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), 2023

D: Identified compound has been diluted.

J: Estimated value - Analyte was detected between method detection limit (MDL) and reporting limit (RL).

U: Analyte was not detected above the method detection limit (MDL).

R: Reported result was rejected by third paty data validator.

BOLD: Analyte result exceeds SCGs.

NS: No standard.

NA indicates that the referenced parameter was not analyzed.

Data has been validated by third party validator.

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

					SAMPLE ID:	PCI-B-16_8.0-9.5	PCI-B-17_0.0-0.17		PCI-B-17_0.17-1.0		PCI-B-17_1.0-2.0		PCI-B-18_0.0-0.17		PCI-B-18_0.17-1.0		PCI-B-18_1.0-2.0	
					LAB ID:	25G0174-06	25G0174-27		25G0174-28		25G0174-29		25G0174-39		25G0174-40		25G0174-41	
					COLLECTION DATE:	7/1/2025	7/1/2025		7/1/2025		7/1/2025		7/1/2025		7/1/2025		7/1/2025	
					SAMPLE DEPTH (FEET BGS):	8-9.5	0-0.17		0.17-1		1-2		0-0.17		0.17-1		1-2	
					SAMPLE MATRIX:	Soil	Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																		
Acetone	0.03	500	0.03	mg/kg	0.0094	U	NA		NA		NA		NA		NA		NA	
Semi-Volatile Organic Compounds (SVOCs)																		
Benzo(a)anthracene	1	37	1	mg/kg	0.089	U	NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	1	3.7	22	mg/kg	0.089	U	NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	1	37	2.1	mg/kg	0.089	U	NA		NA		NA		NA		NA		NA	
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	0.089	U	NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	0.8	47	2	mg/kg	0.089	U	NA		NA		NA		NA		NA		NA	
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	0.089	U	NA		NA		NA		NA		NA		NA	
Butyl benzyl phthalate	NS	NS	NS	mg/kg	0.089	U	NA		NA		NA		NA		NA		NA	
Chrysene	1	47	1	mg/kg	0.089	U	NA		NA		NA		NA		NA		NA	
Fluoranthene	85	500	1,000	mg/kg	0.089	U	NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	0.089	U	NA		NA		NA		NA		NA		NA	
Phenanthrene	1.1	47	1,000	mg/kg	0.089	U	NA		NA		NA		NA		NA		NA	
Pyrene	64	500	1,000	mg/kg	0.089	U	NA		NA		NA		NA		NA		NA	
Metals																		
Aluminum, Total	NS	NS	NS	mg/kg	14,300		NA		NA		NA		NA		NA		NA	
Arsenic, Total	13	16	16	mg/kg	4.57		NA		NA		NA		NA		NA		NA	
Barium, Total	410	410	820	mg/kg	32.8		NA		NA		NA		NA		NA		NA	
Beryllium, Total	4.4	670	47	mg/kg	0.407		NA		NA		NA		NA		NA		NA	
Cadmium, Total	2.5	3.7	7.5	mg/kg	0.268	U	NA		NA		NA		NA		NA		NA	
Calcium, Total	NS	NS	NS	mg/kg	516		NA		NA		NA		NA		NA		NA	
Chromium, Total	NS	NS	NS	mg/kg	13.9		NA		NA		NA		NA		NA		NA	
Cobalt, Total	NS	NS	NS	mg/kg	11.2		NA		NA		NA		NA		NA		NA	
Copper, Total	50	270	1,720	mg/kg	27.3		NA		NA		NA		NA		NA		NA	
Iron, Total	NS	NS	NS	mg/kg	27,600		NA		NA		NA		NA		NA		NA	
Lead, Total	63	1,000	450	mg/kg	13.9		NA		NA		NA		NA		NA		NA	
Magnesium, Total	NS	NS	NS	mg/kg	6,960		NA		NA		NA		NA		NA		NA	
Manganese, Total	1,600	10,000	2,000	mg/kg	864		NA		NA		NA		NA		NA		NA	
Mercury, Total	0.18	1.1	0.73	mg/kg	0.0321	U	NA		NA		NA		NA		NA		NA	
Nickel, Total	30	320	130	mg/kg	23.3		NA		NA		NA		NA		NA		NA	
Potassium, Total	NS	NS	NS	mg/kg	1,220		NA		NA		NA		NA		NA		NA	
Sodium, Total	NS	NS	NS	mg/kg	44.6	U	NA		NA		NA		NA		NA		NA	
Vanadium, Total	NS	NS	NS	mg/kg	13.6		NA		NA		NA		NA		NA		NA	
Zinc, Total	109	10,000	2,480	mg/kg	56.8		NA		NA		NA		NA		NA		NA	

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	**PCI-B-16_8.0-9.5**		**PCI-B-17_0.0-0.17**		**PCI-B-17_0.17-1.0**		**PCI-B-17_1.0-2.0**		**PCI-B-18_0.0-0.17**		**PCI-B-18_0.17-1.0**		**PCI-B-18_1.0-2.0**	
				LAB ID:	**25G0174-06**		**25G0174-27**		**25G0174-28**		**25G0174-29**		**25G0174-39**		**25G0174-40**		**25G0174-41**	
				COLLECTION DATE:	**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
				SAMPLE DEPTH (FEET BGS):	**8-9.5**		**0-0.17**		**0.17-1**		**1-2**		**0-0.17**		**0.17-1**		**1-2**	
				SAMPLE MATRIX:	**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																		
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	NA		0.88	R	0.879	R	0.848	R	0.319	J	0.859	U	0.861	U
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	NA		0.22	U	0.22	U	0.212	U	0.223	U	0.215	U	0.215	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	NA		0.22	U	0.22	U	0.212	U	0.223	U	0.215	U	0.215	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	NA		0.173	J	0.22	U	0.212	U	0.223	U	0.215	U	0.215	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	NA		0.201	U	0.201	U	0.194	U	0.204	U	0.197	U	0.197	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	NA		0.22	U	0.0667	J	0.212	U	0.223	U	0.215	U	0.215	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	NA		0.24		0.22	U	0.212	U	0.223	U	0.215	U	0.215	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	NA		0.532		0.204	U	0.197	U	0.417		0.2	U	0.2	U
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	NA		0.407		0.224		0.212	U	0.223	U	0.366		0.215	U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	NA		0.189	J	0.44	U	0.424	U	0.13	J	0.43	U	0.43	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	NA		0.22	U	0.22	U	0.212	U	0.223	U	0.215	U	0.215	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	NA		0.22	U	0.22	U	0.212	U	0.223	U	0.215	U	0.215	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	NA		0.22	U	0.22	U	0.212	U	0.223	U	0.215	U	0.215	U

Qualifiers and Notes:

NY-RESC: NY-RESC: New York Restricted Commercial use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-POGW: New York Protection of Groundwater Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

* Indicates interim guidance value per New York State DEC document: Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), 2023

D: Identified compound has been diluted.

J: Estimated value - Analyte was detected between method detection limit (MDL) and reporting limit (RL).

U: Analyte was not detected above the method detection limit (MDL).

R: Reported result was rejected by third paty data validator.

BOLD: Analyte result exceeds SCGs.

NS: No standard.

NA indicates that the referenced parameter was not analyzed.

Data has been validated by third party validator.

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

					SAMPLE ID:		PCI-B-18_4.0-6.0		PCI-B-19-0.0-0.17		PCI-B-19-0.17-1.0		PCI-B-19-1.0-2.0		PCI-B-20_0.0-0.17		PCI-B-20_0.17-1.0		PCI-B-20_1.0-2.0	
					LAB ID:		25G0174-42		25G0333-32		25G0333-33		25G0333-34		25G0101-19		25G0101-20		25G0101-21	
					COLLECTION DATE:		7/1/2025		7/2/2025		7/2/2025		7/2/2025		6/30/2025		6/30/2025		6/30/2025	
					SAMPLE DEPTH (FEET BGS):		4-6		0-0.17		0.17-1		1-2		0-0.17		0.17-1		1-2	
					SAMPLE MATRIX:		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																				
Acetone	0.03	500	0.03	mg/kg	0.009	U	NA		NA		NA		NA		NA		NA		NA	
Semi-Volatile Organic Compounds (SVOCs)																				
Benzo(a)anthracene	1	37	1	mg/kg	0.0889	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	1	3.7	22	mg/kg	0.0889	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	1	37	2.1	mg/kg	0.0889	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	0.0889	U	NA		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	0.8	47	2	mg/kg	0.0889	U	NA		NA		NA		NA		NA		NA		NA	
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	0.0889	U	NA		NA		NA		NA		NA		NA		NA	
Butyl benzyl phthalate	NS	NS	NS	mg/kg	0.0889	U	NA		NA		NA		NA		NA		NA		NA	
Chrysene	1	47	1	mg/kg	0.0889	U	NA		NA		NA		NA		NA		NA		NA	
Fluoranthene	85	500	1,000	mg/kg	0.0889	U	NA		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	0.0889	U	NA		NA		NA		NA		NA		NA		NA	
Phenanthrene	1.1	47	1,000	mg/kg	0.0889	U	NA		NA		NA		NA		NA		NA		NA	
Pyrene	64	500	1,000	mg/kg	0.0889	U	NA		NA		NA		NA		NA		NA		NA	
Metals																				
Aluminum, Total	NS	NS	NS	mg/kg	18,300		NA		NA		NA		NA		NA		NA		NA	
Arsenic, Total	13	16	16	mg/kg	8.19		NA		NA		NA		NA		NA		NA		NA	
Barium, Total	410	410	820	mg/kg	43.5		NA		NA		NA		NA		NA		NA		NA	
Beryllium, Total	4.4	670	47	mg/kg	0.537		NA		NA		NA		NA		NA		NA		NA	
Cadmium, Total	2.5	3.7	7.5	mg/kg	0.267	U	NA		NA		NA		NA		NA		NA		NA	
Calcium, Total	NS	NS	NS	mg/kg	782		NA		NA		NA		NA		NA		NA		NA	
Chromium, Total	NS	NS	NS	mg/kg	17.2		NA		NA		NA		NA		NA		NA		NA	
Cobalt, Total	NS	NS	NS	mg/kg	10.7		NA		NA		NA		NA		NA		NA		NA	
Copper, Total	50	270	1,720	mg/kg	33		NA		NA		NA		NA		NA		NA		NA	
Iron, Total	NS	NS	NS	mg/kg	33,700		NA		NA		NA		NA		NA		NA		NA	
Lead, Total	63	1,000	450	mg/kg	15.2		NA		NA		NA		NA		NA		NA		NA	
Magnesium, Total	NS	NS	NS	mg/kg	8,330		NA		NA		NA		NA		NA		NA		NA	
Manganese, Total	1,600	10,000	2,000	mg/kg	916		NA		NA		NA		NA		NA		NA		NA	
Mercury, Total	0.18	1.1	0.73	mg/kg	0.0325		NA		NA		NA		NA		NA		NA		NA	
Nickel, Total	30	320	130	mg/kg	25.9		NA		NA		NA		NA		NA		NA		NA	
Potassium, Total	NS	NS	NS	mg/kg	1,300		NA		NA		NA		NA		NA		NA		NA	
Sodium, Total	NS	NS	NS	mg/kg	44.5	U	NA		NA		NA		NA		NA		NA		NA	
Vanadium, Total	NS	NS	NS	mg/kg	17.9		NA		NA		NA		NA		NA		NA		NA	
Zinc, Total	109	10,000	2,480	mg/kg	70.8		NA		NA		NA		NA		NA		NA		NA	

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	**PCI-B-18_4.0-6.0**		**PCI-B-19-0.0-0.17**		**PCI-B-19-0.17-1.0**		**PCI-B-19-1.0-2.0**		**PCI-B-20_0.0-0.17**		**PCI-B-20_0.17-1.0**		**PCI-B-20_1.0-2.0**	
				LAB ID:	**25G0174-42**		**25G0333-32**		**25G0333-33**		**25G0333-34**		**25G0101-19**		**25G0101-20**		**25G0101-21**	
				COLLECTION DATE:	**7/1/2025**		**7/2/2025**		**7/2/2025**		**7/2/2025**		**6/30/2025**		**6/30/2025**		**6/30/2025**	
				SAMPLE DEPTH (FEET BGS):	**4-6**		**0-0.17**		**0.17-1**		**1-2**		**0-0.17**		**0.17-1**		**1-2**	
				SAMPLE MATRIX:	**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																		
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.848	U	0.857	R	0.843	UJ	0.837	R	0.882	UJ	0.863	R	0.855	R
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.212	U	0.214	U	0.211	U	0.209	U	0.22	U	0.216	U	0.214	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.212	U	0.214	U	0.211	U	0.209	U	0.22	U	0.216	U	0.214	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.212	U	0.214	U	0.211	U	0.209	U	0.22	U	0.216	U	0.214	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.194	U	0.196	U	0.193	U	0.191	U	0.202	U	0.197	U	0.196	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.212	U	0.214	U	0.211	U	0.209	U	0.22	U	0.216	U	0.214	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.212	U	0.214	U	0.211	U	0.209	U	0.22	U	0.216	U	0.214	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	0.197	U	0.533		0.181	J	0.195	U	0.205	U	0.201	U	0.199	U
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.212	U	0.214	U	0.211	U	0.209	U	0.22	U	0.216	U	0.214	U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.424	U	0.429	U	0.422	U	0.419	U	0.441	U	0.431	U	0.427	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.212	U	0.214	U	0.211	U	0.209	U	0.22	U	0.216	U	0.214	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.212	U	0.214	U	0.211	U	0.209	U	0.22	U	0.216	U	0.214	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.212	U	0.214	U	0.211	U	0.209	U	0.22	U	0.216	U	0.214	U

Qualifiers and Notes:

NY-RESC: NY-RESC: New York Restricted Commercial use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-POGW: New York Protection of Groundwater Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

* Indicates interim guidance value per New York State DEC document: Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), 2023

D: Identified compound has been diluted.

J: Estimated value - Analyte was detected between method detection limit (MDL) and reporting limit (RL).

U: Analyte was not detected above the method detection limit (MDL).

R: Reported result was rejected by third paty data validator.

BOLD: Analyte result exceeds SCGs.

NS: No standard.

NA indicates that the referenced parameter was not analyzed.

Data has been validated by third party validator.

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	PCI-B-21_0.0-0.17		PCI-B-21_0.17-1.0		PCI-B-21_1.0-2.0		PCI-B-22-0.0-0.17		PCI-B-22-0.17-1.0		PCI-B-22-1.0-2.0		PCI-B-23_0.0-0.17	
				LAB ID:	25G0174-31		25G0174-32		25G0174-33		25G0333-28		25G0333-29		25G0333-30		25G0174-23	
				COLLECTION DATE:	7/1/2025		7/1/2025		7/1/2025		7/2/2025		7/2/2025		7/2/2025		7/1/2025	
				SAMPLE DEPTH (FEET BGS):	0-0.17		0.17-1		1-2		0-0.17		0.17-1		1-2		0-0.17	
				SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																		
Acetone	0.03	500	0.03	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Semi-Volatile Organic Compounds (SVOCs)																		
Benzo(a)anthracene	1	37	1	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	1	3.7	22	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	1	37	2.1	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	0.8	47	2	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Butyl benzyl phthalate	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Chrysene	1	47	1	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Fluoranthene	85	500	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Phenanthrene	1.1	47	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Pyrene	64	500	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Metals																		
Aluminum, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Arsenic, Total	13	16	16	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Barium, Total	410	410	820	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Beryllium, Total	4.4	670	47	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Cadmium, Total	2.5	3.7	7.5	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Calcium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Chromium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Cobalt, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Copper, Total	50	270	1,720	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Iron, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Lead, Total	63	1,000	450	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Magnesium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Manganese, Total	1,600	10,000	2,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Mercury, Total	0.18	1.1	0.73	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Nickel, Total	30	320	130	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Potassium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Sodium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Vanadium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Zinc, Total	109	10,000	2,480	mg/kg	NA		NA		NA		NA		NA		NA		NA	

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	PCI-B-21_0.0-0.17		PCI-B-21_0.17-1.0		PCI-B-21_1.0-2.0		PCI-B-22-0.0-0.17		PCI-B-22-0.17-1.0		PCI-B-22-1.0-2.0		PCI-B-23_0.0-0.17	
				LAB ID:	25G0174-31		25G0174-32		25G0174-33		25G0333-28		25G0333-29		25G0333-30		25G0174-23	
				COLLECTION DATE:	7/1/2025		7/1/2025		7/1/2025		7/2/2025		7/2/2025		7/2/2025		7/1/2025	
				SAMPLE DEPTH (FEET BGS):	0-0.17		0.17-1		1-2		0-0.17		0.17-1		1-2		0-0.17	
				SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																		
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.853	U	0.305	J	0.854	U	0.847	R	0.844	UJ	0.85	R	0.818	R
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.213	U	0.212	U	0.214	U	4.19		1.53		0.349		0.204	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.213	U	0.212	U	0.214	U	0.679		0.211	U	0.212	U	0.204	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.213	U	0.131	J	0.214	U	0.212	U	0.211	U	0.212	U	0.204	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.195	U	0.194	U	0.195	U	0.194	U	0.193	U	0.194	U	0.187	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.0801	J	0.141	J	0.0708	J	0.212	U	0.211	U	0.212	U	0.204	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.216		0.212	U	0.214	U	0.212	U	0.211	U	0.212	U	0.204	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	0.479		0.197	U	0.199	U	0.197	U	0.196	U	0.198	U	0.19-	U
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.197	J	0.488		0.243		0.212	U	0.211	U	0.212	U	0.204	U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.139	J	0.175	J	0.427	U	0.423	U	0.422	U	0.425	U	0.409	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.213	U	0.212	U	0.214	U	0.218		0.211	U	0.212	U	0.204	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.213	U	0.212	U	0.214	U	0.139	J	0.211	U	0.212	U	0.204	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.213	U	0.212	U	0.214	U	1.3		0.211	U	0.212	U	0.204	U

Qualifiers and Notes:

NY-RESC: NY-RESC: New York Restricted Commercial use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-POGW: New York Protection of Groundwater Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

* Indicates interim guidance value per New York State DEC document: Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), 2023

D: Identified compound has been diluted.

J: Estimated value - Analyte was detected between method detection limit (MDL) and reporting limit (RL).

U: Analyte was not detected above the method detection limit (MDL).

R: Reported result was rejected by third paty data validator.

BOLD: Analyte result exceeds SCGs.

NS: No standard.

NA indicates that the referenced parameter was not analyzed.

Data has been validated by third party validator.

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	PCI-B-23_0.17-1.0		PCI-B-23_1.0-2.0		PCI-B-23_8.0-10.0		PCI-B-24_0.0-0.17		PCI-B-24_0.17-1.0		PCI-B-24_1.0-2.0		PCI-B-24_8.0-10.0	
				LAB ID:	25G0174-24		25G0174-25		25G0174-26		25G0174-15		25G0174-16		25G0174-17		25G0174-18	
				COLLECTION DATE:	7/1/2025		7/1/2025		7/1/2025		7/1/2025		7/1/2025		7/1/2025		7/1/2025	
				SAMPLE DEPTH (FEET BGS):	0.17-1		1-2		8-10		0-0.17		0.17-1		1-2		8-10	
				SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																		
Acetone	0.03	500	0.03	mg/kg	NA		NA		0.0087	U	NA		NA		NA		0.0088	U
Semi-Volatile Organic Compounds (SVOCs)																		
Benzo(a)anthracene	1	37	1	mg/kg	NA		NA		0.0895	U	NA		NA		NA		0.0861	U
Benzo(a)pyrene	1	3.7	22	mg/kg	NA		NA		0.0895	U	NA		NA		NA		0.0861	U
Benzo(b)fluoranthene	1	37	2.1	mg/kg	NA		NA		0.0895	U	NA		NA		NA		0.0861	U
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	NA		NA		0.0895	U	NA		NA		NA		0.0861	U
Benzo(k)fluoranthene	0.8	47	2	mg/kg	NA		NA		0.0895	U	NA		NA		NA		0.0861	U
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	NA		NA		0.0895	U	NA		NA		NA		0.0861	U
Butyl benzyl phthalate	NS	NS	NS	mg/kg	NA		NA		0.0895	U	NA		NA		NA		0.0861	U
Chrysene	1	47	1	mg/kg	NA		NA		0.0895	U	NA		NA		NA		0.0861	U
Fluoranthene	85	500	1,000	mg/kg	NA		NA		0.0895	U	NA		NA		NA		0.0861	U
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	NA		NA		0.0895	U	NA		NA		NA		0.0861	U
Phenanthrene	1.1	47	1,000	mg/kg	NA		NA		0.0895	U	NA		NA		NA		0.0861	U
Pyrene	64	500	1,000	mg/kg	NA		NA		0.0895	U	NA		NA		NA		0.0861	U
Metals																		
Aluminum, Total	NS	NS	NS	mg/kg	NA		NA		16,100		NA		NA		NA		15,300	
Arsenic, Total	13	16	16	mg/kg	NA		NA		6.66		NA		NA		NA		4.73	
Barium, Total	410	410	820	mg/kg	NA		NA		33.6		NA		NA		NA		57.5	
Beryllium, Total	4.4	670	47	mg/kg	NA		NA		0.591		NA		NA		NA		0.474	
Cadmium, Total	2.5	3.7	7.5	mg/kg	NA		NA		0.273	U	NA		NA		NA		0.263	U
Calcium, Total	NS	NS	NS	mg/kg	NA		NA		459		NA		NA		NA		1,310	
Chromium, Total	NS	NS	NS	mg/kg	NA		NA		15		NA		NA		NA		14.8	
Cobalt, Total	NS	NS	NS	mg/kg	NA		NA		10.1		NA		NA		NA		10	
Copper, Total	50	270	1,720	mg/kg	NA		NA		33.3		NA		NA		NA		30	
Iron, Total	NS	NS	NS	mg/kg	NA		NA		29,800		NA		NA		NA		30,300	
Lead, Total	63	1,000	450	mg/kg	NA		NA		13.8		NA		NA		NA		12.4	
Magnesium, Total	NS	NS	NS	mg/kg	NA		NA		7,170		NA		NA		NA		7,560	
Manganese, Total	1,600	10,000	2,000	mg/kg	NA		NA		857		NA		NA		NA		1,120	
Mercury, Total	0.18	1.1	0.73	mg/kg	NA		NA		0.0327	U	NA		NA		NA		0.0315	U
Nickel, Total	30	320	130	mg/kg	NA		NA		24.5		NA		NA		NA		24.6	
Potassium, Total	NS	NS	NS	mg/kg	NA		NA		1,150		NA		NA		NA		1,360	
Sodium, Total	NS	NS	NS	mg/kg	NA		NA		45.5	U	NA		NA		NA		43.8	U
Vanadium, Total	NS	NS	NS	mg/kg	NA		NA		16.1		NA		NA		NA		14.7	
Zinc, Total	109	10,000	2,480	mg/kg	NA		NA		63.6		NA		NA		NA		64.8	

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	**PCI-B-23_0.17-1.0**		**PCI-B-23_1.0-2.0**		**PCI-B-23_8.0-10.0**		**PCI-B-24_0.0-0.17**		**PCI-B-24_0.17-1.0**		**PCI-B-24_1.0-2.0**		**PCI-B-24_8.0-10.0**	
				LAB ID:	**25G0174-24**		**25G0174-25**		**25G0174-26**		**25G0174-15**		**25G0174-16**		**25G0174-17**		**25G0174-18**	
				COLLECTION DATE:	**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
				SAMPLE DEPTH (FEET BGS):	**0.17-1**		**1-2**		**8-10**		**0-0.17**		**0.17-1**		**1-2**		**8-10**	
				SAMPLE MATRIX:	**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																		
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.85	R	0.938	R	0.87	U	0.814	R	0.826	R	0.872	UJ	0.838	R
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.213	U	0.234	U	0.217	U	0.204	U	0.206	U	0.218	U	0.21	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.213	U	0.234	U	0.217	U	0.204	U	0.206	U	0.218	U	0.21	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.213	U	0.234	U	0.217	U	0.204	U	0.206	U	0.218	U	0.21	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.195	U	0.214	U	0.199	U	0.186	U	0.189	U	0.199	U	0.192	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.213	U	0.234	U	0.217	U	0.204	U	0.206	U	0.218	U	0.21	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.213	U	0.234	U	0.217	U	0.204	U	0.206	U	0.218	U	0.21	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	0.198	U	0.218	U	0.202	U	0.189	U	0.192	U	0.203	U	0.195	U
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.213	U	0.234	U	0.217	U	0.204	U	0.206	U	0.218	U	0.21	U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.425	U	0.469	U	0.435	U	0.407	U	0.413	U	0.436	U	0.419	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.213	U	0.234	U	0.217	U	0.204	U	0.206	U	0.218	U	0.21	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.213	U	0.234	U	0.217	U	0.204	U	0.206	U	0.218	U	0.21	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.213	U	0.234	U	0.217	U	0.204	U	0.206	U	0.218	U	0.21	U

Qualifiers and Notes:

NY-RESC: NY-RESC: New York Restricted Commercial use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-POGW: New York Protection of Groundwater Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

* Indicates interim guidance value per New York State DEC document: Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), 2023

D: Identified compound has been diluted.

J: Estimated value - Analyte was detected between method detection limit (MDL) and reporting limit (RL).

U: Analyte was not detected above the method detection limit (MDL).

R: Reported result was rejected by third paty data validator.

BOLD: Analyte result exceeds SCGs.

NS: No standard.

NA indicates that the referenced parameter was not analyzed.

Data has been validated by third party validator.

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	PCI-B-25_0.0-0.17		PCI-B-25_0.17-1.0		PCI-B-25_1.0-2.0		PCI-B-26-0.0-0.17		PCI-B-26-0.17-1.0		PCI-B-26-1.0-2.0		PCI-FD03-250702 (PCI-B-26)	
				LAB ID:	25G0101-03		25G0101-04		25G0101-05		25G0333-40		25G0333-41		25G0333-42		25G0333-52	
				COLLECTION DATE:	6/30/2025		6/30/2025		6/30/2025		7/2/2025		7/2/2025		7/2/2025		7/2/2025	
				SAMPLE DEPTH (FEET BGS):	0-0.17		0.17-1		1-2		0-0.17		0.17-1		1-2		1-2	
				SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																		
Acetone	0.03	500	0.03	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Semi-Volatile Organic Compounds (SVOCs)																		
Benzo(a)anthracene	1	37	1	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	1	3.7	22	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	1	37	2.1	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	0.8	47	2	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Butyl benzyl phthalate	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Chrysene	1	47	1	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Fluoranthene	85	500	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Phenanthrene	1.1	47	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Pyrene	64	500	1,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Metals																		
Aluminum, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Arsenic, Total	13	16	16	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Barium, Total	410	410	820	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Beryllium, Total	4.4	670	47	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Cadmium, Total	2.5	3.7	7.5	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Calcium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Chromium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Cobalt, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Copper, Total	50	270	1,720	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Iron, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Lead, Total	63	1,000	450	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Magnesium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Manganese, Total	1,600	10,000	2,000	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Mercury, Total	0.18	1.1	0.73	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Nickel, Total	30	320	130	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Potassium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Sodium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Vanadium, Total	NS	NS	NS	mg/kg	NA		NA		NA		NA		NA		NA		NA	
Zinc, Total	109	10,000	2,480	mg/kg	NA		NA		NA		NA		NA		NA		NA	

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	**PCI-B-25_0.0-0.17**		**PCI-B-25_0.17-1.0**		**PCI-B-25_1.0-2.0**		**PCI-B-26-0.0-0.17**		**PCI-B-26-0.17-1.0**		**PCI-B-26-1.0-2.0**		**PCI-FD03-250702 (PCI-B-26)**	
				LAB ID:	**25G0101-03**		**25G0101-04**		**25G0101-05**		**25G0333-40**		**25G0333-41**		**25G0333-42**		**25G0333-52**	
				COLLECTION DATE:	**6/30/2025**		**6/30/2025**		**6/30/2025**		**7/2/2025**		**7/2/2025**		**7/2/2025**		**7/2/2025**	
				SAMPLE DEPTH (FEET BGS):	**0-0.17**		**0.17-1**		**1-2**		**0-0.17**		**0.17-1**		**1-2**		**1-2**	
				SAMPLE MATRIX:	**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																		
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.821	U	0.826	U	0.831	U	0.908	R	0.861	UJ	0.833	R	0.826	R
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.205	U	0.207	U	0.208	U	0.227	U	0.215	U	0.208	U	0.207	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.205	U	0.207	U	0.208	U	0.227	U	0.215	U	0.208	U	0.207	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.205	U	0.207	U	0.208	U	0.227	U	0.215	U	0.208	U	0.207	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.188	U	0.189	U	0.19	U	0.208	U	0.197	U	0.191	U	0.189	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.205	U	0.207	U	0.208	U	0.227	U	0.215	U	0.208	U	0.207	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.205	U	0.207	U	0.208	U	0.227	U	0.215	U	0.208	U	0.207	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	0.191	U	0.192	U	0.193	U	0.4		0.433		0.194	U	0.192	U
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.205	U	0.207	U	0.208	U	0.227	U	0.215	U	0.208	U	0.207	U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.411	U	0.413	U	0.415	U	0.454	U	0.431	U	0.417	U	0.413	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.205	U	0.207	U	0.208	U	0.227	U	0.215	U	0.208	U	0.207	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.205	U	0.207	U	0.208	U	0.227	U	0.215	U	0.208	U	0.207	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.205	U	0.207	U	0.208	U	0.227	U	0.215	U	0.208	U	0.207	U

Qualifiers and Notes:

NY-RESC: NY-RESC: New York Restricted Commercial use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-POGW: New York Protection of Groundwater Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

* Indicates interim guidance value per New York State DEC document: Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), 2023

D: Identified compound has been diluted.

J: Estimated value - Analyte was detected between method detection limit (MDL) and reporting limit (RL).

U: Analyte was not detected above the method detection limit (MDL).

R: Reported result was rejected by third paty data validator.

BOLD: Analyte result exceeds SCGs.

NS: No standard.

NA indicates that the referenced parameter was not analyzed.

Data has been validated by third party validator.

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

					SAMPLE ID:		PCI-B-26-4.0-6.0		PCI-B-27_0.0-0.17		PCI-B-27_0.17-1.0		PCI-B-27_1.0-2.0		PCI-B-27_8.0-10.0		~~PCI-B-28_0.0-0.17~~		PCI-B-28_0.17-1.0	
					LAB ID:		25G0333-43		25G0101-07		25G0101-08		25G0101-09		25G0101-10		~~25G0101-11~~		25G0101-12	
					COLLECTION DATE:		7/2/2025		6/30/2025		6/30/2025		6/30/2025		6/30/2025		~~6/30/2025~~		6/30/2025	
					SAMPLE DEPTH (FEET BGS):		4-6		0-0.17		0.17-1		1-2		8-10		~~0-0.17~~		0.17-1	
					SAMPLE MATRIX:		Soil		Soil		Soil		Soil		Soil		~~Soil~~		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	~~**Result**~~	~~**Qualifier**~~	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																				
Acetone	0.03	500	0.03	mg/kg	0.0085	U	NA		NA		NA		NA		0.0076	U	NA		NA	
Semi-Volatile Organic Compounds (SVOCs)																				
Benzo(a)anthracene	1	37	1	mg/kg	0.0867	U	NA		NA		NA		NA		0.0929	U	NA		NA	
Benzo(a)pyrene	1	3.7	22	mg/kg	0.0867	U	NA		NA		NA		NA		0.0929	U	NA		NA	
Benzo(b)fluoranthene	1	37	2.1	mg/kg	0.0867	U	NA		NA		NA		NA		0.0929	U	NA		NA	
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	0.0867	U	NA		NA		NA		NA		0.0929	U	NA		NA	
Benzo(k)fluoranthene	0.8	47	2	mg/kg	0.0867	U	NA		NA		NA		NA		0.0929	U	NA		NA	
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	0.0867	U	NA		NA		NA		NA		0.0929	U	NA		NA	
Butyl benzyl phthalate	NS	NS	NS	mg/kg	0.0867	U	NA		NA		NA		NA		0.0929	U	NA		NA	
Chrysene	1	47	1	mg/kg	0.0867	U	NA		NA		NA		NA		0.0929	U	NA		NA	
Fluoranthene	85	500	1,000	mg/kg	0.0867	U	NA		NA		NA		NA		0.0929	U	NA		NA	
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	0.0867	U	NA		NA		NA		NA		0.0929	U	NA		NA	
Phenanthrene	1.1	47	1,000	mg/kg	0.0867	U	NA		NA		NA		NA		0.0929	U	NA		NA	
Pyrene	64	500	1,000	mg/kg	0.0867	U	NA		NA		NA		NA		0.0929	U	NA		NA	
Metals																				
Aluminum, Total	NS	NS	NS	mg/kg	15,400	J	NA		NA		NA		NA		19,100		NA		NA	
Arsenic, Total	13	16	16	mg/kg	5.04	J	NA		NA		NA		NA		9.67		NA		NA	
Barium, Total	410	410	820	mg/kg	42.4	J	NA		NA		NA		NA		54.7		NA		NA	
Beryllium, Total	4.4	670	47	mg/kg	0.459	J	NA		NA		NA		NA		0.557	J	NA		NA	
Cadmium, Total	2.5	3.7	7.5	mg/kg	0.262	U	NA		NA		NA		NA		0.289		NA		NA	
Calcium, Total	NS	NS	NS	mg/kg	814	J	NA		NA		NA		NA		1,310	J	NA		NA	
Chromium, Total	NS	NS	NS	mg/kg	16.2	J	NA		NA		NA		NA		16	J	NA		NA	
Cobalt, Total	NS	NS	NS	mg/kg	10.3	J	NA		NA		NA		NA		13.6	J	NA		NA	
Copper, Total	50	270	1,720	mg/kg	29.2	J	NA		NA		NA		NA		30.6	J	NA		NA	
Iron, Total	NS	NS	NS	mg/kg	30,600	J	NA		NA		NA		NA		36,300		NA		NA	
Lead, Total	63	1,000	450	mg/kg	12.6	J	NA		NA		NA		NA		13.5		NA		NA	
Magnesium, Total	NS	NS	NS	mg/kg	7,590	J	NA		NA		NA		NA		6,790	J	NA		NA	
Manganese, Total	1,600	10,000	2,000	mg/kg	898	J	NA		NA		NA		NA		708		NA		NA	
Mercury, Total	0.18	1.1	0.73	mg/kg	0.0314	U	NA		NA		NA		NA		0.0579		NA		NA	
Nickel, Total	30	320	130	mg/kg	26.2	J	NA		NA		NA		NA		28	J	NA		NA	
Potassium, Total	NS	NS	NS	mg/kg	1,270	J	NA		NA		NA		NA		1,330		NA		NA	
Sodium, Total	NS	NS	NS	mg/kg	43.6	U	NA		NA		NA		NA		46.6	U	NA		NA	
Vanadium, Total	NS	NS	NS	mg/kg	14.8	J	NA		NA		NA		NA		17.1		NA		NA	
Zinc, Total	109	10,000	2,480	mg/kg	65.2	J	NA		NA		NA		NA		75.4		NA		NA	

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HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

				SAMPLE ID:	PCI-B-26-4.0-6.0		PCI-B-27_0.0-0.17		PCI-B-27_0.17-1.0		PCI-B-27_1.0-2.0		PCI-B-27_8.0-10.0		~~PCI-B-28_0.0-0.17~~		PCI-B-28_0.17-1.0	
				LAB ID:	25G0333-43		25G0101-07		25G0101-08		25G0101-09		25G0101-10		~~25G0101-11~~		25G0101-12	
				COLLECTION DATE:	7/2/2025		6/30/2025		6/30/2025		6/30/2025		6/30/2025		~~6/30/2025~~		6/30/2025	
				SAMPLE DEPTH (FEET BGS):	4-6		0-0.17		0.17-1		1-2		8-10		~~0-0.17~~		0.17-1	
				SAMPLE MATRIX:	Soil		Soil		Soil		Soil		Soil		~~Soil~~		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	~~**Result**~~	~~**Qualifier**~~	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)																		
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.837	R	0.83	U	0.861	R	0.896	R	NA		0.312	U	0.842	U
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.209	U	0.208	U	0.215	U	0.224	U	NA		0.208	U	0.211	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.209	U	0.208	U	0.215	U	0.224	U	NA		0.208	U	0.211	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.209	U	0.208	U	0.215	U	0.224	U	NA		0.208	U	0.211	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.191	U	0.19	U	0.197	U	0.205	U	NA		0.19	U	0.193	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.209	U	0.208	U	0.215	U	0.224	U	NA		0.208	U	0.211	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.209	U	0.208	U	0.215	U	0.224	U	NA		0.208	U	0.211	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	0.195	U	0.193	U	0.2	U	0.208	U	NA		**0.899**		0.196	U
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.209	U	0.208	U	0.215	U	0.224	U	NA		0.208	U	0.211	U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.418	U	0.415	U	0.43	U	0.448	U	NA		0.416	U	0.421	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.209	U	0.208	U	0.215	U	0.224	U	NA		0.208	U	0.211	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.209	U	0.208	U	0.215	U	0.224	U	NA		0.208	U	0.211	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.209	U	0.208	U	0.215	U	0.224	U	NA		0.208	U	0.211	U

Qualifiers and Notes:

NY-RESC: NY-RESC: New York Restricted Commercial use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-POGW: New York Protection of Groundwater Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

* Indicates interim guidance value per New York State DEC document: Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), 2023

D: Identified compound has been diluted.

J: Estimated value - Analyte was detected between method detection limit (MDL) and reporting limit (RL).

U: Analyte was not detected above the method detection limit (MDL).

R: Reported result was rejected by third paty data validator.

BOLD: Analyte result exceeds SCGs.

NS: No standard.

NA indicates that the referenced parameter was not analyzed.

Data has been validated by third party validator.

TABLE 1
PRE-CONSTRUCTION INVESTIGATION SOIL SAMPLING SUMMARY (DETECTIONS ONLY)
HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

					SAMPLE ID:		PCI-B-28_1.0-2.0		PCI-B-28_6.0-7.5		PCI-B-29_0.0-0.17		PCI-B-29_0.17-1.0		PCI-B-29_1.0-2.0	
					LAB ID:		25G0101-13		25G0101-14		25G0101-15		25G0101-16		25G0101-17	
					COLLECTION DATE:		6/30/2025		6/30/2025		6/30/2025		6/30/2025		6/30/2025	
					SAMPLE DEPTH (FEET BGS):		1-2		6-7.5		0-0.17		0.17-1		1-2	
					SAMPLE MATRIX:		Soil		Soil		Soil		Soil		Soil	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Volatile Organic Compounds (VOCs)																
Acetone	0.03	500	0.03	mg/kg	NA		0.01	U	NA		NA		NA		NA	
Semi-Volatile Organic Compounds (SVOCs)																
Benzo(a)anthracene	1	37	1	mg/kg	NA		0.1	U	NA		NA		NA		NA	
Benzo(a)pyrene	1	3.7	22	mg/kg	NA		0.1	U	NA		NA		NA		NA	
Benzo(b)fluoranthene	1	37	2.1	mg/kg	NA		0.1	U	NA		NA		NA		NA	
Benzo(ghi)perylene	0.64	47	1,000	mg/kg	NA		0.1	U	NA		NA		NA		NA	
Benzo(k)fluoranthene	0.8	47	2	mg/kg	NA		0.1	U	NA		NA		NA		NA	
Bis(2-ethylhexyl)phthalate	NS	NS	NS	mg/kg	NA		0.1	U	NA		NA		NA		NA	
Butyl benzyl phthalate	NS	NS	NS	mg/kg	NA		0.1	U	NA		NA		NA		NA	
Chrysene	1	47	1	mg/kg	NA		0.1	U	NA		NA		NA		NA	
Fluoranthene	85	500	1,000	mg/kg	NA		0.1	U	NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	0.5	37	6.6	mg/kg	NA		0.1	U	NA		NA		NA		NA	
Phenanthrene	1.1	47	1,000	mg/kg	NA		0.1	U	NA		NA		NA		NA	
Pyrene	64	500	1,000	mg/kg	NA		0.1	U	NA		NA		NA		NA	
Metals																
Aluminum, Total	NS	NS	NS	mg/kg	NA		20,500		NA		NA		NA		NA	
Arsenic, Total	13	16	16	mg/kg	NA		6.62		NA		NA		NA		NA	
Barium, Total	410	410	820	mg/kg	NA		57.5		NA		NA		NA		NA	
Beryllium, Total	4.4	670	47	mg/kg	NA		0.505	J	NA		NA		NA		NA	
Cadmium, Total	2.5	3.7	7.5	mg/kg	NA		0.301	U	NA		NA		NA		NA	
Calcium, Total	NS	NS	NS	mg/kg	NA		829	J	NA		NA		NA		NA	
Chromium, Total	NS	NS	NS	mg/kg	NA		17.6	J	NA		NA		NA		NA	
Cobalt, Total	NS	NS	NS	mg/kg	NA		11.4	J	NA		NA		NA		NA	
Copper, Total	50	270	1,720	mg/kg	NA		24.8	J	NA		NA		NA		NA	
Iron, Total	NS	NS	NS	mg/kg	NA		29,000		NA		NA		NA		NA	
Lead, Total	63	1,000	450	mg/kg	NA		11.9		NA		NA		NA		NA	
Magnesium, Total	NS	NS	NS	mg/kg	NA		5,490	J	NA		NA		NA		NA	
Manganese, Total	1,600	10,000	2,000	mg/kg	NA		549		NA		NA		NA		NA	
Mercury, Total	0.18	1.1	0.73	mg/kg	NA		0.0361	U	NA		NA		NA		NA	
Nickel, Total	30	320	130	mg/kg	NA		23.1	J	NA		NA		NA		NA	
Potassium, Total	NS	NS	NS	mg/kg	NA		1,160		NA		NA		NA		NA	
Sodium, Total	NS	NS	NS	mg/kg	NA		50.2	U	NA		NA		NA		NA	
Vanadium, Total	NS	NS	NS	mg/kg	NA		19		NA		NA		NA		NA	
Zinc, Total	109	10,000	2,480	mg/kg	NA		66.7		NA		NA		NA		NA	

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HUDSON VALLEY REGIONAL AIRPORT
WAPPINGER, DUTCHESS COUNTY, NY
JUNE/JULY 2025

				SAMPLE ID:	**PCI-B-28_1.0-2.0**		**PCI-B-28_6.0-7.5**		**PCI-B-29_0.0-0.17**		**PCI-B-29_0.17-1.0**		**PCI-B-29_1.0-2.0**	
				LAB ID:	**25G0101-13**		**25G0101-14**		**25G0101-15**		**25G0101-16**		**25G0101-17**	
				COLLECTION DATE:	**6/30/2025**		**6/30/2025**		**6/30/2025**		**6/30/2025**		**6/30/2025**	
				SAMPLE DEPTH (FEET BGS):	**1-2**		**6-7.5**		**0-0.17**		**0.17-1**		**1-2**	
				SAMPLE MATRIX:	**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Parameter	**NY-UNRES**	**NY-RESC**	**NY-POGW**	**Units**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**	**Result**	**Qualifier**
Per- and Polyfluoroalkyl Substances (PFAS)														
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	µg/kg	0.841	U	0.961	U	0.395	J	0.888	R	0.858	U
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	µg/kg	0.21	U	0.24	U	0.223	U	0.222	U	0.214	U
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	µg/kg	0.21	U	0.24	U	0.223	U	0.222	U	0.214	U
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	µg/kg	0.21	U	0.24	U	0.125	J	0.222	U	0.214	U
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	µg/kg	0.192	U	0.22	U	0.204	U	0.203	U	0.196	U
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	µg/kg	0.21	U	0.24	U	0.0865	J	0.222	U	0.214	U
Perfluorononanoic Acid (PFNA)	NS	NS	NS	µg/kg	0.21	U	0.24	U	0.223	U	0.222	U	0.214	U
Perfluorooctanesulfonic Acid (PFOS)	0.88*	440*	1*	µg/kg	0.196	U	0.223	U	0.354		0.206	U	0.199	U
Perfluorooctanoic Acid (PFOA)	0.66*	500*	0.8*	µg/kg	0.21	U	0.24	U	0.401		0.222	U	0.214	U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	µg/kg	0.421	U	0.481	U	0.221	J	0.444	U	0.429	U
Perfluorotetradecanoic Acid (PFTeDA)	NS	NS	NS	µg/kg	0.21	U	0.24	U	0.223	U	0.222	U	0.214	U
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	µg/kg	0.21	U	0.24	U	0.223	U	0.222	U	0.214	U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	µg/kg	0.21	U	0.24	U	0.223	U	0.222	U	0.214	U

Qualifiers and Notes:

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Technical Report

prepared for:

C.T. Male Associates, D.P.C.
50 Century Hill Dr.
Latham NY/USA, 12110
Attention: Eric White

Report Date: 07/21/2025
Client Project ID: HVRA-N. Hangar 18.8090
York Project (SDG) No.: 25G0174

Revision No. 1.0

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: 07/21/2025
Client Project ID: HVRA-N. Hangar 18.8090
York Project (SDG) No.: 25G0174

C.T. Male Associates, D.P.C.
50 Century Hill Dr.
Latham NY/USA, 12110
Attention: Eric White

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 July 02, 2025 and listed below. The project was identified as your project: **HVRA-N. Hangar 18.8090**.

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
25G0174-01	PCI-EB01-250701	Water	07/01/2025	07/02/2025
25G0174-02	PCI-EB02-250701	Water	07/01/2025	07/02/2025
25G0174-03	PCI-B-16_0.0-0.17	Soil	07/01/2025	07/02/2025
25G0174-04	PCI-B-16_0.17-1.0	Soil	07/01/2025	07/02/2025
25G0174-05	PCI-B-16_1.0-2.0	Soil	07/01/2025	07/02/2025
25G0174-06	PCI-B-16_8.0-9.5	Soil	07/01/2025	07/02/2025
25G0174-07	PCI-B-09_0.0-0.17	Soil	07/01/2025	07/02/2025
25G0174-08	PCI-B-09_0.17-1.0	Soil	07/01/2025	07/02/2025
25G0174-09	PCI-B-09_1.0-2.0	Soil	07/01/2025	07/02/2025
25G0174-10	PCI-B-09_8.0-9.5	Soil	07/01/2025	07/02/2025
25G0174-11	PCI-B-10_0.0-0.17	Soil	07/01/2025	07/02/2025
25G0174-12	PCI-B-10_0.17-1.0	Soil	07/01/2025	07/02/2025
25G0174-13	PCI-B-10_1.0-2.0	Soil	07/01/2025	07/02/2025
25G0174-15	PCI-B-24_0.0-0.17	Soil	07/01/2025	07/02/2025
25G0174-16	PCI-B-24_0.17-1.0	Soil	07/01/2025	07/02/2025
25G0174-17	PCI-B-24_1.0-2.0	Soil	07/01/2025	07/02/2025
25G0174-18	PCI-B-24_8.0-10.0	Soil	07/01/2025	07/02/2025
25G0174-19	PCI-B-15_0.0-0.17	Soil	07/01/2025	07/02/2025
25G0174-20	PCI-B-15_0.17-1.0	Soil	07/01/2025	07/02/2025
25G0174-21	PCI-B-15_1.0-2.0	Soil	07/01/2025	07/02/2025
25G0174-22	PCI-B-15_10.0-12.0	Soil	07/01/2025	07/02/2025
25G0174-23	PCI-B-23_0.0-0.17	Soil	07/01/2025	07/02/2025

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25G0174-24	PCI-B-23_0.17-1.0	Soil	07/01/2025	07/02/2025
25G0174-25	PCI-B-23_1.0-2.0	Soil	07/01/2025	07/02/2025
25G0174-26	PCI-B-23_8.0-10.0	Soil	07/01/2025	07/02/2025
25G0174-27	PCI-B-17_0.0-0.17	Soil	07/01/2025	07/02/2025
25G0174-28	PCI-B-17_0.17-1.0	Soil	07/01/2025	07/02/2025
25G0174-29	PCI-B-17_1.0-2.0	Soil	07/01/2025	07/02/2025
25G0174-31	PCI-B-21_0.0-0.17	Soil	07/01/2025	07/02/2025
25G0174-32	PCI-B-21_0.17-1.0	Soil	07/01/2025	07/02/2025
25G0174-33	PCI-B-21_1.0-2.0	Soil	07/01/2025	07/02/2025
25G0174-35	PCI-B-04_0.0-0.17	Soil	07/01/2025	07/02/2025
25G0174-36	PCI-B-04_0.17-1.0	Soil	07/01/2025	07/02/2025
25G0174-37	PCI-B-04_1.0-2.0	Soil	07/01/2025	07/02/2025
25G0174-39	PCI-B-18_0.0-0.17	Soil	07/01/2025	07/02/2025
25G0174-40	PCI-B-18_0.17-1.0	Soil	07/01/2025	07/02/2025
25G0174-41	PCI-B-18_1.0-2.0	Soil	07/01/2025	07/02/2025
25G0174-42	PCI-B-18_4.0-6.0	Soil	07/01/2025	07/02/2025
25G0174-43	PCI-B-13_0.0-0.17	Soil	07/01/2025	07/02/2025
25G0174-44	PCI-B-13_0.17-1.0	Soil	07/01/2025	07/02/2025
25G0174-45	PCI-B-13_1.0-2.0	Soil	07/01/2025	07/02/2025
25G0174-46	PCI-B-13_7.0-9.0	Soil	07/01/2025	07/02/2025
25G0174-47	PCI-B-06_0.0-0.17	Soil	07/01/2025	07/02/2025
25G0174-48	PCI-B-06_0.17-1.0	Soil	07/01/2025	07/02/2025
25G0174-49	PCI-B-06_1.0-2.0	Soil	07/01/2025	07/02/2025
25G0174-50	PCI-B-06_8.0-10.0	Soil	07/01/2025	07/02/2025
25G0174-51	PCI-FD01-250701	Soil	07/01/2025	07/02/2025
25G0174-52	PCI-FD02-250701	Soil	07/01/2025	07/02/2025

General Notes for York Project (SDG) No.: 25G0174

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: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 07/21/2025

Sample Information

Client Sample ID: PCI-EB01-250701 **York Sample ID:** 25G0174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Water	July 1, 2025 8:20 am	07/02/2025

Q_P_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	0.472	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.351	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.713	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.682	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.422	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.823	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.522	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.753	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.13	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.883	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.743	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.692	2.01	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.793	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.03	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.231	4.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.883	2.01	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.913	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.32	1.94	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.53	7.63	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.06	7.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.331	8.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.502	3.57	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/11/2025 10:15	07/14/2025 14:15	AM

Sample Information

Client Sample ID: PCI-EB01-250701 **York Sample ID:** 25G0174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Water	July 1, 2025 8:20 am	07/02/2025

Q_P_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	4.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/11/2025 10:15	07/14/2025 14:15	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.251	4.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/11/2025 10:15	07/14/2025 14:15	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.371	4.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/11/2025 10:15	07/14/2025 14:15	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.763	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.80	7.53	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.24	8.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.38	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.703	7.51	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
919005-14-4	ADONA	ND		ng/L	0.532	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.933	1.95	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:15	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.863	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:15	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.04	5.02	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:15	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	7.36	25.1	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:15	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	9.50	25.1	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:15	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.00	20.1	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:15	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.59	2.01	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:15	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.00	20.1	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:15	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.81	2.01	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:15	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*116 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*124 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*120 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*110 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*101 %*	*25-150*

Sample Information

Client Sample ID: PCI-EB01-250701 **York Sample ID:** 25G0174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Water	July 1, 2025 8:20 am	07/02/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*83.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.6 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.70 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*116 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*40.4 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*132 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*76.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*79.6 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*158 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*120 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*140 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*91.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*96.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*113 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*79.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*81.5 %*			*25-150*						

Sample Information

Client Sample ID: PCI-EB02-250701 **York Sample ID:** 25G0174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Water	July 1, 2025 8:25 am	07/02/2025

Q_P_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	0.495	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.369	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.748	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.716	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM

Sample Information

Client Sample ID: PCI-EB02-250701 **York Sample ID:** 25G0174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Water	July 1, 2025 8:25 am	07/02/2025

Q_P_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	0.442	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.864	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.548	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.790	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.19	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.927	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.780	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.727	2.11	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.832	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.09	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.242	4.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.927	2.11	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.959	2.01	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.39	2.03	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.90	8.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.16	8.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.348	8.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.527	3.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/11/2025 10:15	07/14/2025 14:28	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.25	4.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/11/2025 10:15	07/14/2025 14:28	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.263	4.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/11/2025 10:15	07/14/2025 14:28	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.390	4.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/11/2025 10:15	07/14/2025 14:28	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.801	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.89	7.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM

Sample Information

Client Sample ID: PCI-EB02-250701 **York Sample ID:** 25G0174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Water	July 1, 2025 8:25 am	07/02/2025

Q_P_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	3.40	8.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.45	7.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.737	7.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
919005-14-4	ADONA	ND		ng/L	0.558	7.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.980	2.04	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:28	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.906	2.02	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/11/2025 10:15	07/14/2025 14:28	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.14	5.27	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:28	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	7.72	26.3	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:28	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	9.98	26.3	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:28	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.20	21.1	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:28	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.66	2.11	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:28	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.20	21.1	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:28	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.90	2.11	1	EPA 1633 Draft 3 Certifications:	07/11/2025 10:15	07/14/2025 14:28	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*122 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*131 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*125 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*93.0 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*65.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*29.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.81 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*113 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*81.2 %*		*25-150*

Sample Information

Client Sample ID: PCI-EB02-250701 **York Sample ID:** 25G0174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Water	July 1, 2025 8:25 am	07/02/2025

Q_P_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
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*123 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*75.4 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*73.3 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*160 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*121 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*117 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*160 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*88.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*83.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*119 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*27.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*36.8 %*			*25-150*						

Sample Information

Client Sample ID: PCI-B-16_0.0-0.17 **York Sample ID:** 25G0174-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 8:40 am	07/02/2025

Q_P_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	0.121	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0580	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.183	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.207	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM

Sample Information

Client Sample ID: PCI-B-16_0.0-0.17 **York Sample ID:** 25G0174-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 8:40 am	07/02/2025

Q_P_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		ug/kg dry	0.178	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.821	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.826	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.876	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.390	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:19	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.211	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:19	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0679	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:19	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:19	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.651	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.665	0.876	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.340	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.269	0.819	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM

Sample Information

Client Sample ID: PCI-B-16_0.0-0.17 **York Sample ID:** 25G0174-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 8:40 am	07/02/2025

Q_P_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		ug/kg dry	0.185	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:19	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:19	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.694	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:19	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.30	5.47	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:19	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.64	5.47	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:19	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.669	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:19	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:19	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.763	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:19	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:19	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*52.2 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*62.5 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*102 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*97.9 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*97.9 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*97.2 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*73.9 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.46 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*105 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*8.94 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*66.5 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*72.0 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*85.8 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*124 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*97.5 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*86.0 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-16_0.0-0.17 **York Sample ID:** 25G0174-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 8:40 am	07/02/2025

Q_P_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
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*72.8 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*49.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*55.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*53.4 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*46.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*46.4 %*			*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**	**91.0**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-16_0.17-1.0 **York Sample ID:** 25G0174-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 8:45 am	07/02/2025

Q_P_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	07/06/2025 09:15	07/08/2025 17:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0570	0.215	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.215	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.197	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.215	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.180	0.200	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.215	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.215	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-16_0.17-1.0 **York Sample ID:** 25G0174-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 8:45 am	07/02/2025

Q_P_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
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.209	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	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	07/06/2025 09:15	07/08/2025 17:31	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.806	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.812	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.383	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:31	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.207	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:31	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0667	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:31	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:31	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.640	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.654	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.334	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.264	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM

Sample Information

Client Sample ID: PCI-B-16_0.17-1.0 **York Sample ID:** 25G0174-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 8:45 am	07/02/2025

Q_P_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		ug/kg dry	0.187	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:31	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.182	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:31	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	07/06/2025 09:15	07/08/2025 17:31	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.682	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:31	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.26	5.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:31	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.61	5.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:31	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.657	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:31	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.194	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:31	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.749	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:31	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:31	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*29.1 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*36.9 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*106 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*99.1 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*67.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*54.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.65 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*102 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*3.39 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*99.5 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*64.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*82.6 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*123 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*108 %*		*25-200*

Sample Information

Client Sample ID: PCI-B-16_0.17-1.0 **York Sample ID:** 25G0174-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 8:45 am	07/02/2025

Q_P_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
13C9PFNA	*Surrogate: M9PFNA*	*93.4 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*46.9 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*74.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*83.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*30.8 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*59.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*65.3 %*			*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**	**92.3**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-16_1.0-2.0 **York Sample ID:** 25G0174-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 8:55 am	07/02/2025

Q_P_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	0.121	0.193	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0577	0.218	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.218	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.195	0.199	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.218	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.218	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-16_1.0-2.0 **York Sample ID:** 25G0174-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 8:55 am	07/02/2025

Q_P_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	0.208	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.211	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.436	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.817	0.828	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.823	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.872	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.388	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:44	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.210	0.436	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:44	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0675	0.436	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:44	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.436	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:44	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.648	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.662	0.872	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.339	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM

Sample Information

Client Sample ID: PCI-B-16_1.0-2.0 **York Sample ID:** 25G0174-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 8:55 am	07/02/2025

Q_P_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	0.268	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.184	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:44	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:44	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.691	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:44	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.29	5.45	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:44	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.63	5.45	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:44	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.666	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:44	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:44	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.759	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:44	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:44	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*63.4 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*80.0 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*96.2 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*86.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*64.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*47.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.74 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*96.0 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*5.67 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*94.3 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*57.8 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*73.9 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-16_1.0-2.0 **York Sample ID:** 25G0174-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 8:55 am	07/02/2025

Q_P_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
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*117 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*98.3 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*96.0 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*82.1 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*62.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*67.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*74.2 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*49.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.0 %*			*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**	**91.4**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-16_8.0-9.5 **York Sample ID:** 25G0174-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:05 am	07/02/2025

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0024	0.0047	1	EPA 8260D	07/08/2025 13:51	07/08/2025 19:50	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	07/08/2025 13:51	07/08/2025 19:50	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	07/08/2025 13:51	07/08/2025 19:50	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	07/08/2025 13:51	07/08/2025 19:50	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	07/08/2025 13:51	07/08/2025 19:50	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	07/08/2025 13:51	07/08/2025 19:50	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			

Sample Information

Client Sample ID: PCI-B-16_8.0-9.5 **York Sample ID:** 25G0174-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:05 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS

Sample Information

Client Sample ID: PCI-B-16_8.0-9.5 **York Sample ID:** 25G0174-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:05 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: PCI-B-16_8.0-9.5 **York Sample ID:** 25G0174-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:05 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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	ICVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2025 19:50	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2025 19:50	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	07/08/2025 19:50	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	07/08/2025 19:50	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.012	0.024	1	EPA 8260D Certifications:	07/08/2025 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2025 19:50	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	07/08/2025 19:50	PRS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D Certifications:	07/08/2025 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/08/2025 19:50	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*

Sample Information

Client Sample ID: PCI-B-16_8.0-9.5 **York Sample ID:** 25G0174-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:05 am	07/02/2025

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.0 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/08/2025 13:51	07/08/2025 19:50	PRS

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:41	07/08/2025 06:24	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE	mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:41	07/08/2025 06:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:41	07/08/2025 06:24	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2025 08:41	07/08/2025 06:24	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:41	07/08/2025 06:24	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2025 08:41	07/08/2025 06:24	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2025 08:41	07/08/2025 06:24	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:41	07/08/2025 06:24	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:41	07/08/2025 06:24	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:41	07/08/2025 06:24	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:41	07/08/2025 06:24	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:41	07/08/2025 06:24	SS
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:41	07/08/2025 06:24	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:41	07/08/2025 06:24	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:41	07/08/2025 06:24	SS

Sample Information

Client Sample ID: PCI-B-16_8.0-9.5 **York Sample ID:** 25G0174-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:05 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND	CCVE	mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-B-16_8.0-9.5 **York Sample ID:** 25G0174-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:05 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.178	0.356	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/08/2025 06:24	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 06:24	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 06:24	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 06:24	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS

Sample Information

Client Sample ID: PCI-B-16_8.0-9.5 **York Sample ID:** 25G0174-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:05 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 06:24	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
108-95-2	Phenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.178	0.356	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:24	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*34.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*90.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.8 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-16_8.0-9.5 **York Sample ID:** 25G0174-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:05 am	07/02/2025

Sample Prepared by Method: EPA 3550C

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/kg	6.62	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/03/2025 13:33	07/07/2025 23:22	SS

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*136 %*	S-08, S-HI	*39-127.5*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**9-Octadecenamide isomer RT1...**	**1800**	J	ug/kg dry			2	EPA 8270D Certifications:	07/07/2025 08:41	07/08/2025 06:24	SS

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:46	07/07/2025 21:42	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:46	07/07/2025 21:42	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:46	07/07/2025 21:42	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:46	07/07/2025 21:42	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:46	07/07/2025 21:42	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	07/07/2025 08:46	07/07/2025 21:42	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:46	07/07/2025 21:42	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:46	07/07/2025 21:42	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:46	07/07/2025 21:42	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:46	07/07/2025 21:42	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	07/07/2025 08:46	07/07/2025 21:42	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:46	07/07/2025 21:42	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:46	07/07/2025 21:42	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 08:46	07/07/2025 21:42	RJ

Sample Information

Client Sample ID: PCI-B-16_8.0-9.5 **York Sample ID:** 25G0174-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:05 am	07/02/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 21:42	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 21:42	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/07/2025 08:46 NELAC-NY10854,NJDEP-CT005	07/07/2025 21:42	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 21:42	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 21:42	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 21:42	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 21:42	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0352	5	EPA 8081B Certifications:	07/07/2025 08:46	07/07/2025 21:42	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.0 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/07/2025 08:45 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	07/08/2025 03:22	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/07/2025 08:45 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	07/08/2025 03:22	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/07/2025 08:45 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	07/08/2025 03:22	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/07/2025 08:45 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	07/08/2025 03:22	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/07/2025 08:45 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	07/08/2025 03:22	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/07/2025 08:45 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	07/08/2025 03:22	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/07/2025 08:45 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	07/08/2025 03:22	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/07/2025 08:45	07/08/2025 03:22	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.0 %*	*30-120*

Sample Information

Client Sample ID: PCI-B-16_8.0-9.5 **York Sample ID:** 25G0174-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:05 am	07/02/2025

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14300**		mg/kg dry	4.46	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.23	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.57**		mg/kg dry	1.34	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**32.8**		mg/kg dry	2.23	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.407**		mg/kg dry	0.045	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.268	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**516**		mg/kg dry	4.46	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**13.9**		mg/kg dry	0.447	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**11.2**		mg/kg dry	0.357	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**27.3**		mg/kg dry	1.79	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**27600**		mg/kg dry	22.3	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**13.9**		mg/kg dry	0.447	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**6960**		mg/kg dry	4.47	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**864**		mg/kg dry	0.447	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**23.3**		mg/kg dry	0.889	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1220**		mg/kg dry	4.47	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.23	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.450	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	44.6	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.79	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**13.6**		mg/kg dry	0.889	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**56.8**		mg/kg dry	2.22	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PCI-B-16_8.0-9.5 **York Sample ID:** 25G0174-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:05 am	07/02/2025

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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/kg dry	0.0321	1	EPA 7473	07/07/2025 08:27	07/08/2025 08:56	DBT
							Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	07/08/2025 09:16	07/08/2025 16:40	LJM
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			

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	07/07/2025 09:12	07/07/2025 11:11	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-09_0.0-0.17 **York Sample ID:** 25G0174-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:20 am	07/02/2025

Q_P_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	0.114	0.181	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0543	0.205	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.205	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.183	0.188	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.176	0.205	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.171	0.191	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 17:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-09_0.0-0.17 **York Sample ID:** 25G0174-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:20 am	07/02/2025

Q_P_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)	ND		ug/kg dry	0.194	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.196	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.167	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.128	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.152	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.199	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.112	0.410	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.150	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.159	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.196	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.768	0.779	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.774	0.787	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.112	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.142	0.365	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:56	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.198	0.410	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:56	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0635	0.410	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:56	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0984	0.410	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:56	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.161	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.610	0.768	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.623	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM

Sample Information

Client Sample ID: PCI-B-09_0.0-0.17 **York Sample ID:** 25G0174-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:20 am	07/02/2025

Q_P_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
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.319	0.775	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.252	0.766	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.178	0.775	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.173	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:56	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.127	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 17:56	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.650	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:56	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.15	5.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:56	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.54	5.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:56	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.626	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:56	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:56	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.714	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:56	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 17:56	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*114 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*119 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*127 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*115 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*112 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*89.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.98 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*116 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*30.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*78.7 %*		*10-150*

Sample Information

Client Sample ID: PCI-B-09_0.0-0.17 **York Sample ID:** 25G0174-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:20 am	07/02/2025

Q_P_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
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*94.4 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*122 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*162 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*140 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*109 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*134 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*51.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*62.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*116 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*54.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.3 %*			*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**	**96.8**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-09_0.17-1.0 **York Sample ID:** 25G0174-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:25 am	07/02/2025

Q_P_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	07/06/2025 09:15	07/08/2025 18:08	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0569	0.215	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.215	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.197	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:08	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.215	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-09_0.17-1.0 **York Sample ID:** 25G0174-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:25 am	07/02/2025

Q_P_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
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	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	07/06/2025 09:15	07/08/2025 18:08	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.805	0.816	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.811	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.859	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.382	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:08	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.207	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:08	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0666	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:08	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:08	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.639	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM

Sample Information

Client Sample ID: PCI-B-09_0.17-1.0 **York Sample ID:** 25G0174-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:25 am	07/02/2025

Q_P_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		ug/kg dry	0.653	0.859	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.334	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.264	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:08	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:08	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	07/06/2025 09:15	07/08/2025 18:08	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.681	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:08	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.25	5.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:08	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.61	5.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:08	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.656	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:08	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:08	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.748	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:08	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:08	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*34.6 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*45.7 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*107 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*102 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*104 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*89.4 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*83.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*62.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*54.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.53 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*95.4 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*3.48 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: PCI-B-09_0.17-1.0 **York Sample ID:** 25G0174-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:25 am	07/02/2025

Q_P_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
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*92.7 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*62.4 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*75.6 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*119 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*99.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*91.7 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*57.5 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*68.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*75.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*40.4 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*56.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*58.8 %*			*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**	**93.1**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-09_1.0-2.0 **York Sample ID:** 25G0174-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:30 am	07/02/2025

Q_P_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	0.194	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0581	0.219	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.201	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-09_1.0-2.0 **York Sample ID:** 25G0174-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:30 am	07/02/2025

Q_P_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	0.189	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.183	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.207	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.213	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.822	0.833	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.827	0.842	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.877	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.390	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:20	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.212	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:20	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0680	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:20	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:20	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM

Sample Information

Client Sample ID: PCI-B-09_1.0-2.0 **York Sample ID:** 25G0174-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:30 am	07/02/2025

Q_P_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	0.652	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.666	0.877	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.341	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.270	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.191	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:20	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:20	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.695	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:20	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.30	5.48	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:20	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.64	5.48	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:20	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.670	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:20	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:20	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.764	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:20	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:20	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*21.4 %*	PFSu-L	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*30.7 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*102 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*97.5 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*105 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*88.0 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*88.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*62.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.49 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*92.3 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-09_1.0-2.0 **York Sample ID:** 25G0174-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:30 am	07/02/2025

Q_P_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
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*3.70 %*	PFSu-L		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*85.7 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*57.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*58.6 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*115 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*84.0 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*87.2 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*31.2 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*64.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*70.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*24.0 %*	PFSu-L		*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*51.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*55.6 %*			*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**	**90.5**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/02/2025 10:34	07/03/2025 16:17	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/02/2025 10:34	07/03/2025 16:17	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/02/2025 10:34	07/03/2025 16:17	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
594-20-7	2,2-Dichloropropane	ND	CAL-E	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.011	0.023	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*112 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/02/2025 10:34	07/03/2025 16:17	PRS

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE, ICVE	mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND	CCVE, ICVE	mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.177	0.354	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND	CCVE, ICVE	mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND	CCVE, ICVE	mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.354	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	**Benzoic acid**	**0.0826**	CAL-E, J	mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CAL-E	mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.354	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*76.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*75.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*88.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.7 %*	*21-113*

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.3 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.6 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

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/kg	6.58	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/03/2025 13:33	07/07/2025 23:37	SS

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*142 %*	S-08, S-HI	*39-127.5*

Q_P_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	0.117	0.187	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:33	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0561	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:33	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:33	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:33	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:33	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:33	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:33	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:33	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:33	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:33	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:33	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:33	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:33	AM

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Q_P_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
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.212	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.423	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.212	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NJDEP-NY037	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NJDEP-NY037	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NJDEP-NY037	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.794	0.804	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NJDEP-NY037	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.799	0.813	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.847	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.377	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.204	0.423	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0656	0.423	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.423	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.199	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NJDEP-NY037	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.630	0.794	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NJDEP-NY037	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.643	0.847	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NJDEP-NY037	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.329	0.800	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NJDEP-NY037	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.260	0.792	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NJDEP-NY037	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.800	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NJDEP-NY037	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.205	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097 ,NJDEP-NY037	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.671	1.06	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.22	5.29	1	EPA 1633 Draft 3 Certifications:	07/06/2025 09:15	07/08/2025 18:33 NELAC-NH2097	AM

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Q_P_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
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.59	5.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:33	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.647	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:33	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:33	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.738	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:33	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:33	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*43.5 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*54.6 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*103 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*101 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*74.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*59.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.22 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*106 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*2.75 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*88.8 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*76.9 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*93.8 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*135 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*115 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*105 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*66.8 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*61.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.1 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*44.0 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*51.9 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*54.7 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**9-Octadecenamide isomer RT1...**	**981**	J	ug/kg dry			2	EPA 8270D Certifications:	07/03/2025 09:47	07/07/2025 13:15	SR

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 NELAC-NY10854,NJDEP-CT005	07/07/2025 12:52	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854	07/07/2025 12:52	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 NELAC-NY10854,NJDEP-CT005	07/07/2025 12:52	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:52	RJ

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0346	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:52	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.0 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:18	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*102 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**16200**		mg/kg dry	4.43	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.21	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.42**		mg/kg dry	1.33	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**45.0**		mg/kg dry	2.21	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.540**		mg/kg dry	0.045	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.266	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**916**		mg/kg dry	4.43	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**15.4**		mg/kg dry	0.443	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**10.7**		mg/kg dry	0.354	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**33.4**		mg/kg dry	1.77	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**31700**		mg/kg dry	22.1	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**18.0**		mg/kg dry	0.443	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**6660**		mg/kg dry	4.43	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**935**		mg/kg dry	0.443	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**23.6**		mg/kg dry	0.882	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1180**		mg/kg dry	4.43	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.446	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**56.8**		mg/kg dry	44.3	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.77	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.4**		mg/kg dry	0.882	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**72.5**		mg/kg dry	2.20	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

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

Sample Information

Client Sample ID: PCI-B-09_8.0-9.5 **York Sample ID:** 25G0174-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 9:35 am	07/02/2025

Sample Prepared by Method: EPA 7473 soil

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/kg dry	0.0319	1	EPA 7473	07/07/2025 08:27	07/08/2025 08:56	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	07/08/2025 09:16	07/08/2025 16:40	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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**	**94.1**		%	0.100	1	SM 2540G	07/03/2025 08:47	07/03/2025 12:50	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-B-10_0.0-0.17 **York Sample ID:** 25G0174-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:00 am	07/02/2025

Q_P_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	0.123	0.196	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:45	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0588	0.222	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:45	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.222	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:45	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.203	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:45	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:45	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:45	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:45	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PCI-B-10_0.0-0.17 **York Sample ID:** 25G0174-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:00 am	07/02/2025

Q_P_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	0.212	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.215	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.832	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.838	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.888	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.395	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:45	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.214	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:45	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0688	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:45	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:45	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.660	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.675	0.888	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.345	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM

Sample Information

Client Sample ID: PCI-B-10_0.0-0.17 **York Sample ID:** 25G0174-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:00 am	07/02/2025

Q_P_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	0.273	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:45	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:45	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.704	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:45	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.33	5.55	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:45	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.66	5.55	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:45	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.678	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:45	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:45	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.773	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:45	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:45	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*39.5 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*43.5 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*104 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*103 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*103 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*100 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*76.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*68.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.70 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*108 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*3.04 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*80.3 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*74.6 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*88.2 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-10_0.0-0.17 **York Sample ID:** 25G0174-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:00 am	07/02/2025

Q_P_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
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*144 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*109 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*96.8 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*61.2 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*63.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*57.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*36.4 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*50.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.3 %*			*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**	**89.9**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-10_0.17-1.0 **York Sample ID:** 25G0174-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:05 am	07/02/2025

Q_P_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	0.118	0.188	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0564	0.213	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.195	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 18:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-10_0.17-1.0 **York Sample ID:** 25G0174-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:05 am	07/02/2025

Q_P_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)	ND		ug/kg dry	0.201	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.798	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.803	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.379	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:57	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.205	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:57	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0659	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:57	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:57	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.633	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.647	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM

Sample Information

Client Sample ID: PCI-B-10_0.17-1.0 **York Sample ID:** 25G0174-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:05 am	07/02/2025

Q_P_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
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.331	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.262	0.796	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:57	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 18:57	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.674	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:57	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.23	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:57	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.60	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:57	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.650	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:57	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:57	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.741	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:57	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 18:57	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*113 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*93.7 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*95.7 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*69.2 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*59.0 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*44.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*42.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.73 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*65.6 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*54.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*62.4 %*		*10-150*

Sample Information

Client Sample ID: PCI-B-10_0.17-1.0 **York Sample ID:** 25G0174-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:05 am	07/02/2025

Q_P_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
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*36.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*44.8 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*103 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*70.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*82.6 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*110 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*49.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*52.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*122 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*38.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*41.1 %*			*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**	**93.6**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-10_1.0-2.0 **York Sample ID:** 25G0174-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:10 am	07/02/2025

Q_P_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	0.120	0.192	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 19:10	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0575	0.217	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 19:10	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 19:10	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.199	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 19:10	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.217	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 19:10	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-10_1.0-2.0 **York Sample ID:** 25G0174-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:10 am	07/02/2025

Q_P_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
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.814	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.819	0.833	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.868	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.386	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:10	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.209	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:10	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0673	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:10	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:10	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.645	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM

Sample Information

Client Sample ID: PCI-B-10_1.0-2.0 **York Sample ID:** 25G0174-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:10 am	07/02/2025

Q_P_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		ug/kg dry	0.660	0.868	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.337	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.267	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:10	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:10	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.688	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:10	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.28	5.42	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:10	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.63	5.42	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:10	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.663	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:10	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:10	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.756	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:10	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:10	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*123 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*131 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*115 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*94.2 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*93.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*62.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*44.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.57 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*99.5 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*69.7 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-10_1.0-2.0 **York Sample ID:** 25G0174-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:10 am	07/02/2025

Q_P_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
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*94.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*60.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*76.0 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*129 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*98.8 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*103 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*130 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*63.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*129 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*50.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*52.5 %*			*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**	**91.6**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-24_0.0-0.17 **York Sample ID:** 25G0174-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:20 am	07/02/2025

Q_P_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	0.113	0.180	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 19:46	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0540	0.204	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 19:46	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.204	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 19:46	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.182	0.186	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 19:46	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-24_0.0-0.17 **York Sample ID:** 25G0174-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:20 am	07/02/2025

Q_P_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	0.175	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.170	0.189	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.192	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.194	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.166	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.151	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.197	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.149	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.158	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.194	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.764	0.774	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.769	0.782	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.111	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.142	0.362	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:46	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.196	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:46	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0631	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:46	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0977	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:46	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.160	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM

Sample Information

Client Sample ID: PCI-B-24_0.0-0.17 **York Sample ID:** 25G0174-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:20 am	07/02/2025

Q_P_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	0.606	0.764	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.619	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.317	0.770	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.250	0.761	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.177	0.770	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.172	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:46	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:46	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.645	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:46	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.14	5.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:46	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.53	5.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:46	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.622	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:46	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.183	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:46	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.710	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:46	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:46	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*115 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*115 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*125 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*118 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*112 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*82.9 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*65.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*2.18 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*120 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-24_0.0-0.17 **York Sample ID:** 25G0174-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:20 am	07/02/2025

Q_P_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
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*56.3 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*82.2 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*88.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*105 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*152 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*130 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*107 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*131 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*56.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*57.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*51.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*54.6 %*			*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**	**97.8**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-24_0.17-1.0 **York Sample ID:** 25G0174-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:25 am	07/02/2025

Q_P_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	0.115	0.183	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 19:59	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0547	0.206	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 19:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.206	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 19:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-24_0.17-1.0 **York Sample ID:** 25G0174-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:25 am	07/02/2025

Q_P_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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.185	0.189	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.178	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.172	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.153	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.151	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.774	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.779	0.793	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.368	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:59	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.199	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:59	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0640	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:59	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0991	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:59	AM

Sample Information

Client Sample ID: PCI-B-24_0.17-1.0 **York Sample ID:** 25G0174-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:25 am	07/02/2025

Q_P_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
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.614	0.774	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.628	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.321	0.780	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.254	0.772	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.180	0.780	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.174	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:59	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 19:59	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.655	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:59	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.17	5.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:59	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.55	5.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:59	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.631	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:59	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.186	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:59	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.720	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:59	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 19:59	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*117 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*129 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*111 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*118 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*72.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.3 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-24_0.17-1.0 **York Sample ID:** 25G0174-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:25 am	07/02/2025

Q_P_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 acid (MPFBA)*	*2.01 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*116 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*79.0 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*101 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*84.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*112 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*119 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*107 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*117 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*85.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*81.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*123 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*60.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*64.8 %*			*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**	**96.5**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-24_1.0-2.0 **York Sample ID:** 25G0174-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:30 am	07/02/2025

Q_P_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	0.121	0.193	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 20:11	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-24_1.0-2.0 **York Sample ID:** 25G0174-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:30 am	07/02/2025

Q_P_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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0578	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.195	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.208	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.211	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.436	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.817	0.828	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.823	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.872	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.388	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:11	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.210	0.436	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:11	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0676	0.436	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:11	AM

Sample Information

Client Sample ID: PCI-B-24_1.0-2.0 **York Sample ID:** 25G0174-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:30 am	07/02/2025

Q_P_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		ug/kg dry	0.105	0.436	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:11	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.648	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.663	0.872	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.339	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.268	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.184	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:11	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:11	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.691	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:11	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.29	5.45	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:11	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.63	5.45	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:11	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.666	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:11	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:11	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.759	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:11	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:11	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*106 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*118 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*125 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*108 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*106 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*89.0 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*86.6 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*61.4 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-24_1.0-2.0 **York Sample ID:** 25G0174-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:30 am	07/02/2025

Q_P_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
13C2PFTEDA	*Surrogate: M2PFTeDA*	*50.7 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*16.2 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*91.2 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*99.8 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*75.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*59.9 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*64.4 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*121 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*103 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*98.0 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*119 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*55.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*53.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*119 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*47.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*48.2 %*			*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**	**91.8**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
594-20-7	2,2-Dichloropropane	ND	CAL-E	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.011	0.022	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*112 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/02/2025 10:34	07/03/2025 16:46	PRS

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE, ICVE	mg/kg dry	0.0861	0.172	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0861	0.172	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0861	0.172	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR
98-86-2	Acetophenone	ND	CCVE, ICVE	mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 13:44	SR
62-53-3	Aniline	ND		mg/kg dry	0.173	0.345	2	EPA 8270E Certifications:	07/03/2025 09:47 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 13:44	SR
120-12-7	Anthracene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR
1912-24-9	Atrazine	ND	CCVE, ICVE	mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 13:44	SR
100-52-7	Benzaldehyde	ND	CCVE, ICVE	mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 13:44	SR
92-87-5	Benzidine	ND		mg/kg dry	0.173	0.345	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/07/2025 13:44	SR
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR
65-85-0	**Benzoic acid**	**0.0496**	CAL-E, J	mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 13:44	SR
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 13:44	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0861	0.172	2	EPA 8270E Certifications:	07/03/2025 09:47 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 13:44	SR
86-74-8	Carbazole	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR
218-01-9	Chrysene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:44	SR

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CAL-E	mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0432	0.0861	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
110-86-1	Pyridine	ND		mg/kg dry	0.173	0.345	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*47.2 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.3 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.9 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*40.7 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*39.6 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

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/kg	6.62	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/03/2025 13:33	07/07/2025 23:53	SS

CAS No.	Surrogate Recoveries	Result	Flag	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*382 %*	S-08, S-HI	*39-127.5*

Q_P_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	0.116	0.186	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0555	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.188	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.180	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.175	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.198	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.200	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Q_P_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	0.108	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.203	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.153	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.162	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.786	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.791	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.373	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:23	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.202	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:23	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0650	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:23	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:23	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.624	0.786	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.637	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.326	0.792	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.258	0.784	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.182	0.792	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.177	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:23	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.130	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:23	AM

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Q_P_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	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.664	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:23	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.20	5.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:23	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.57	5.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:23	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.640	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:23	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:23	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.730	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:23	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:23	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*121 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*132 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*118 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.2 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*70.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.86 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*101 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*87.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*87.1 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*73.0 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*76.1 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*138 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*111 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*104 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*138 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*69.1 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.6 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*125 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Q_P_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*	*52.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*57.4 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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/kg dry			2	EPA 8270D Certifications:	07/03/2025 09:47	07/07/2025 13:44	SR

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:07	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:07	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:07	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:07	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:07	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 NELAC-NY10854,NJDEP-CT005	07/07/2025 13:07	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:07	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:07	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:07	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:07	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854	07/07/2025 13:07	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:07	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:07	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:07	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:07	RJ

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00	07/07/2025 13:07	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00	07/07/2025 13:07	RJ NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00	07/07/2025 13:07	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00	07/07/2025 13:07	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	07/06/2025 08:00	07/07/2025 13:07	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B Certifications:	07/06/2025 08:00	07/07/2025 13:07	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0345	5	EPA 8081B Certifications:	07/06/2025 08:00	07/07/2025 13:07	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.2 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	07/06/2025 07:58	07/07/2025 20:31	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	07/06/2025 07:58	07/07/2025 20:31	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	07/06/2025 07:58	07/07/2025 20:31	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	07/06/2025 07:58	07/07/2025 20:31	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	07/06/2025 07:58	07/07/2025 20:31	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	07/06/2025 07:58	07/07/2025 20:31	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	07/06/2025 07:58	07/07/2025 20:31	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	07/06/2025 07:58	07/07/2025 20:31	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15300**		mg/kg dry	4.37	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.19	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.73**		mg/kg dry	1.31	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**57.5**		mg/kg dry	2.18	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.474**		mg/kg dry	0.044	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.263	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1310**		mg/kg dry	4.38	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**14.8**		mg/kg dry	0.438	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**10.0**		mg/kg dry	0.350	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**30.0**		mg/kg dry	1.75	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**30300**		mg/kg dry	21.9	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**12.4**		mg/kg dry	0.438	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**7560**		mg/kg dry	4.38	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**1120**		mg/kg dry	0.438	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**24.6**		mg/kg dry	0.872	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1360**		mg/kg dry	4.38	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.19	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.441	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	43.8	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.75	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**14.7**		mg/kg dry	0.872	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**64.8**		mg/kg dry	2.18	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PCI-B-24_8.0-10.0 **York Sample ID:** 25G0174-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 10:35 am	07/02/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

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/kg dry	0.0315	1	EPA 7473	07/07/2025 08:27	07/08/2025 08:56	DBT
							Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	07/08/2025 09:16	07/08/2025 16:40	LJM
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			

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**	**95.2**		%	0.100	1	SM 2540G	07/03/2025 08:47	07/03/2025 12:50	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-15_0.0-0.17 **York Sample ID:** 25G0174-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:00 am	07/02/2025

Q_P_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	0.118	0.188	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 20:48	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0564	0.213	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 20:48	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 20:48	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.195	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 20:48	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 20:48	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 20:48	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-15_0.0-0.17 **York Sample ID:** 25G0174-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:00 am	07/02/2025

Q_P_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)	ND		ug/kg dry	0.201	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.798	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.803	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.379	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:48	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.205	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:48	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0660	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:48	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:48	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.633	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.647	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM

Sample Information

Client Sample ID: PCI-B-15_0.0-0.17 **York Sample ID:** 25G0174-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:00 am	07/02/2025

Q_P_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
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.331	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.262	0.796	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:48	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 20:48	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.674	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:48	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.23	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:48	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.60	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:48	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.650	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:48	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:48	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.741	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:48	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 20:48	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*97.8 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*125 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*111 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*81.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*58.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*7.30 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*126 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*85.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*83.3 %*		*10-150*

Sample Information

Client Sample ID: PCI-B-15_0.0-0.17 **York Sample ID:** 25G0174-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:00 am	07/02/2025

Q_P_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
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*73.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*111 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*119 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*105 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*109 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*112 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*62.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*70.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*56.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*57.4 %*			*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**	**94.0**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-15_0.17-1.0 **York Sample ID:** 25G0174-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:05 am	07/02/2025

Q_P_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	0.120	0.191	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0573	0.216	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.216	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.198	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.186	0.216	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-15_0.17-1.0 **York Sample ID:** 25G0174-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:05 am	07/02/2025

Q_P_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
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.180	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.811	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.816	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.385	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:00	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.209	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:00	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0670	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:00	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:00	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.643	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM

Sample Information

Client Sample ID: PCI-B-15_0.17-1.0 **York Sample ID:** 25G0174-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:05 am	07/02/2025

Q_P_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		ug/kg dry	0.657	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.336	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.266	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:00	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:00	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.685	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:00	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.27	5.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:00	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.62	5.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:00	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.660	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:00	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:00	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.753	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:00	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:00	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*103 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*111 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*118 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*105 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*106 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*101 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*101 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*76.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*5.31 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*113 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*87.9 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-15_0.17-1.0 **York Sample ID:** 25G0174-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:05 am	07/02/2025

Q_P_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
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*89.3 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*67.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*93.0 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*119 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*95.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*94.4 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*111 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*73.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*72.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*116 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*59.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*61.4 %*			*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**	**91.8**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-15_1.0-2.0 **York Sample ID:** 25G0174-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:10 am	07/02/2025

Q_P_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	0.120	0.191	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0573	0.216	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.216	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.198	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-15_1.0-2.0 **York Sample ID:** 25G0174-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:10 am	07/02/2025

Q_P_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	0.186	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.811	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.817	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.866	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.385	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:13	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.209	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:13	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0671	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:13	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:13	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM

Sample Information

Client Sample ID: PCI-B-15_1.0-2.0 **York Sample ID:** 25G0174-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:10 am	07/02/2025

Q_P_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	0.644	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.658	0.866	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.336	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.266	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:13	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:13	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.686	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:13	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.27	5.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:13	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.62	5.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:13	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.661	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:13	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:13	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.754	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:13	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:13	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*103 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*106 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*123 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*102 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*96.0 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*99.0 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*72.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*63.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.23 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*108 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-15_1.0-2.0 **York Sample ID:** 25G0174-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:10 am	07/02/2025

Q_P_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
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*89.1 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*92.1 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*68.9 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*98.7 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*126 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*98.1 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*92.9 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*111 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*79.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*79.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*110 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*63.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*65.3 %*			*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**	**92.2**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.097	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
594-20-7	2,2-Dichloropropane	ND	CAL-E	mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0054**	J	mg/kg dry	0.0049	0.0097	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:15	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.012	0.024	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS 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 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*111 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/02/2025 10:34	07/03/2025 17:15	PRS

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.356	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0890	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.356	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*79.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*82.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*99.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.8 %*	*21-113*

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.8 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

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/kg	6.62	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/03/2025 13:33	07/08/2025 00:08	SS

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*230 %*	S-08, S-HI	*39-127.5*

Q_P_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	07/06/2025 09:15	07/08/2025 21:25	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0569	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	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	07/06/2025 09:15	07/08/2025 21:25	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Q_P_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
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	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	07/06/2025 09:15	07/08/2025 21:25	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.805	0.816	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.811	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.859	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.382	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:25	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.207	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:25	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0666	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:25	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:25	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.639	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.653	0.859	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.334	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.264	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:25	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:25	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	07/06/2025 09:15	07/08/2025 21:25	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.681	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:25	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.25	5.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:25	AM

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Q_P_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
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.61	5.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:25	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.656	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:25	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:25	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.748	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:25	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:25	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*99.7 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*117 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*101 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*100 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*101 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*77.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*58.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*7.15 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*114 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*82.8 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*74.8 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*74.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*98.3 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*136 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*109 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*96.4 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*112 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.4 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*47.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.7 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*49.9 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**9-Octadecenamide isomer RT1...**	**766**	J	ug/kg dry			2	EPA 8270D Certifications:	07/03/2025 09:47	07/07/2025 15:10	SR

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 NELAC-NY10854,NJDEP-CT005	07/07/2025 13:23	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854	07/07/2025 13:23	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 NELAC-NY10854,NJDEP-CT005	07/07/2025 13:23	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:23	RJ

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00177	5	EPA 8081B	07/06/2025 08:00	07/07/2025 13:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.177	5	EPA 8081B	07/06/2025 08:00	07/07/2025 13:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0355	5	EPA 8081B	07/06/2025 08:00	07/07/2025 13:23	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.6 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:45	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15700**		mg/kg dry	4.49	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.25	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**7.35**		mg/kg dry	1.35	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**66.3**		mg/kg dry	2.24	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.563**		mg/kg dry	0.045	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.270	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1680**		mg/kg dry	4.49	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**15.8**		mg/kg dry	0.450	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**10.8**		mg/kg dry	0.359	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**30.9**		mg/kg dry	1.80	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**30300**		mg/kg dry	22.5	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**17.2**		mg/kg dry	0.450	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**7000**		mg/kg dry	4.50	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**1270**		mg/kg dry	0.450	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**24.3**		mg/kg dry	0.895	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1270**		mg/kg dry	4.50	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.453	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**51.1**		mg/kg dry	44.9	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.80	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.4**		mg/kg dry	0.895	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**65.3**		mg/kg dry	2.24	1	EPA 6010D	07/07/2025 14:59	07/08/2025 11:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-15_10.0-12.0 **York Sample ID:** 25G0174-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:15 am	07/02/2025

Sample Prepared by Method: EPA 7473 soil

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/kg dry	0.0323	1	EPA 7473	07/07/2025 08:27	07/08/2025 08:56	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.539	1	EPA 9014/9010C	07/09/2025 14:46	07/09/2025 16:45	sml
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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**	**92.8**		%	0.100	1	SM 2540G	07/03/2025 08:47	07/03/2025 12:50	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-B-23_0.0-0.17 **York Sample ID:** 25G0174-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:35 am	07/02/2025

Q_P_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	0.113	0.181	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:37	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0542	0.204	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:37	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.204	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:37	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.183	0.187	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:37	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.176	0.204	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:37	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.171	0.190	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:37	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.193	0.204	1	EPA 1633 Draft 3	07/06/2025 09:15	07/08/2025 21:37	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PCI-B-23_0.0-0.17 **York Sample ID:** 25G0174-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:35 am	07/02/2025

Q_P_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	0.195	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.167	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.128	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.151	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.198	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.409	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.149	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.158	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.195	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.767	0.777	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.772	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.111	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.142	0.364	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:37	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.197	0.409	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:37	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0634	0.409	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:37	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0981	0.409	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:37	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.160	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.608	0.767	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.622	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.318	0.773	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM

Sample Information

Client Sample ID: PCI-B-23_0.0-0.17 **York Sample ID:** 25G0174-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:35 am	07/02/2025

Q_P_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	0.251	0.765	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.178	0.773	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.173	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:37	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.127	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/08/2025 21:37	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.648	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:37	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.14	5.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:37	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.53	5.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:37	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.625	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:37	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.184	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:37	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.712	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:37	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/08/2025 21:37	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*95.3 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*101 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*115 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*104 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*103 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*103 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*75.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.02 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*113 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*82.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*78.5 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*81.0 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-23_0.0-0.17 **York Sample ID:** 25G0174-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:35 am	07/02/2025

Q_P_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
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*121 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*106 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*103 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*121 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*64.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*95.1 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*49.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*51.5 %*			*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**	**97.8**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-23_0.17-1.0 **York Sample ID:** 25G0174-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:40 am	07/02/2025

Q_P_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	0.118	0.188	1	EPA 1633 Draft 3	07/06/2025 09:15	07/14/2025 14:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0563	0.213	1	EPA 1633 Draft 3	07/06/2025 09:15	07/14/2025 14:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3	07/06/2025 09:15	07/14/2025 14:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.195	1	EPA 1633 Draft 3	07/06/2025 09:15	07/14/2025 14:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3	07/06/2025 09:15	07/14/2025 14:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3	07/06/2025 09:15	07/14/2025 14:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-23_0.17-1.0 **York Sample ID:** 25G0174-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:40 am	07/02/2025

Q_P_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)	ND		ug/kg dry	0.201	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.797	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.803	0.816	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.850	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.378	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/14/2025 14:40	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.205	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/14/2025 14:40	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0659	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/14/2025 14:40	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/14/2025 14:40	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.633	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.646	0.850	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM

Sample Information

Client Sample ID: PCI-B-23_0.17-1.0 **York Sample ID:** 25G0174-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:40 am	07/02/2025

Q_P_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
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.331	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.262	0.795	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/14/2025 14:40	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 09:15	07/14/2025 14:40	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.674	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/14/2025 14:40	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.23	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/14/2025 14:40	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.59	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/14/2025 14:40	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.650	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/14/2025 14:40	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/14/2025 14:40	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.741	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/14/2025 14:40	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 09:15	07/14/2025 14:40	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*108 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*111 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*112 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*101 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*109 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*87.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*78.2 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*58.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*48.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*8.11 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*84.0 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*90.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*94.7 %*		*10-150*

Sample Information

Client Sample ID: PCI-B-23_0.17-1.0 **York Sample ID:** 25G0174-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:40 am	07/02/2025

Q_P_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
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*55.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*56.7 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*147 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*87.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*101 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*151 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*69.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*59.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*111 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*54.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*54.4 %*			*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**	**93.3**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-23_1.0-2.0 **York Sample ID:** 25G0174-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:45 am	07/02/2025

Q_P_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	07/05/2025 10:01	07/08/2025 01:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0621	0.234	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:00	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	07/05/2025 10:01	07/08/2025 01:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.210	0.214	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.202	0.234	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-23_1.0-2.0 **York Sample ID:** 25G0174-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:45 am	07/02/2025

Q_P_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
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.196	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.222	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.224	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.232	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.191	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.147	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.121	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.173	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.227	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.128	0.469	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.171	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.182	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.879	0.891	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.885	0.900	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.128	0.938	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.163	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:00	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.226	0.469	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:00	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0727	0.469	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:00	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.113	0.469	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:00	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.184	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.697	0.879	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM

Sample Information

Client Sample ID: PCI-B-23_1.0-2.0 **York Sample ID:** 25G0174-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:45 am	07/02/2025

Q_P_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		ug/kg dry	0.713	0.938	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.365	0.886	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.288	0.877	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.204	0.886	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.198	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:00	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.145	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:00	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.743	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:00	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.46	5.86	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:00	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.76	5.86	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:00	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.716	2.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:00	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.211	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:00	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.817	2.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:00	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.232	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:00	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*99.3 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*94.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*115 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*108 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*99.7 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*105 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*80.9 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*9.57 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*106 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*69.9 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-23_1.0-2.0 **York Sample ID:** 25G0174-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:45 am	07/02/2025

Q_P_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
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*81.6 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*115 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*120 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*162 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*144 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*99.1 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*148 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*64.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*90.3 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*45.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*46.2 %*			*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**	**84.8**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:43	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:43	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:43	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/02/2025 10:34	07/03/2025 17:43	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.087	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
594-20-7	2,2-Dichloropropane	ND	CAL-E	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.011	0.022	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS 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 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/02/2025 10:34	07/03/2025 17:43	PRS

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0895	0.179	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.179	0.359	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SR
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.359	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SR
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
65-85-0	Benzoic acid	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SR
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.0895	0.179	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SR
86-74-8	Carbazole	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
218-01-9	Chrysene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SR

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.359	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*68.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*47.8 %*	*24-116*

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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/kg	6.60	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/03/2025 13:33	07/08/2025 00:23	SS

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*398 %*	S-08, S-HI	*39-127.5*

Q_P_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	0.121	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0576	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.195	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.208	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.211	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

Q_P_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
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.815	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.821	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.870	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.387	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:13	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.210	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:13	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0674	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:13	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:13	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.647	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.661	0.870	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.338	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.267	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.184	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:13	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:13	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.689	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:13	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.28	5.44	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:13	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.63	5.44	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:13	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.664	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:13	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:13	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.758	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:13	AM

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

Q_P_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		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:13	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*101 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*96.0 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*119 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*105 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*109 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*98.2 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*88.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*72.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*63.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*67.7 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*110 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*76.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*93.1 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*110 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*125 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*169 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*142 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*71.6 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*155 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*67.3 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.9 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*92.7 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*53.1 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.9 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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/kg dry			2	EPA 8270D Certifications:	07/03/2025 09:47	07/07/2025 15:39	SR

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 NELAC-NY10854,NJDEP-CT005	07/07/2025 13:38	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854	07/07/2025 13:38	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 NELAC-NY10854,NJDEP-CT005	07/07/2025 13:38	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 13:38	RJ

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00177	5	EPA 8081B	07/06/2025 08:00	07/07/2025 13:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.177	5	EPA 8081B	07/06/2025 08:00	07/07/2025 13:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0354	5	EPA 8081B	07/06/2025 08:00	07/07/2025 13:38	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:59	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**16100**		mg/kg dry	4.55	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.27	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**6.66**		mg/kg dry	1.36	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**33.6**		mg/kg dry	2.27	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.591**		mg/kg dry	0.046	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.273	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**459**		mg/kg dry	4.55	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**15.0**		mg/kg dry	0.455	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**10.1**		mg/kg dry	0.363	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**33.3**		mg/kg dry	1.82	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**29800**		mg/kg dry	22.7	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**13.8**		mg/kg dry	0.455	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**7170**		mg/kg dry	4.55	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**857**		mg/kg dry	0.455	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**24.5**		mg/kg dry	0.906	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1150**		mg/kg dry	4.55	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.458	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	45.5	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.82	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.1**		mg/kg dry	0.906	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**63.6**		mg/kg dry	2.26	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-23_8.0-10.0 **York Sample ID:** 25G0174-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 11:50 am	07/02/2025

Sample Prepared by Method: EPA 7473 soil

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/kg dry	0.0327	1	EPA 7473	07/07/2025 08:27	07/08/2025 08:56	DBT
							Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.546	1	EPA 9014/9010C	07/09/2025 14:46	07/09/2025 16:45	sml
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			

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**	**91.6**		%	0.100	1	SM 2540G	07/03/2025 08:47	07/03/2025 12:50	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-17_0.0-0.17 **York Sample ID:** 25G0174-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:00 pm	07/02/2025

Q_P_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	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0583	0.220	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.173**	J	ug/kg dry	0.116	0.220	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.201	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.407**		ug/kg dry	0.189	0.220	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.532**		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-17_0.0-0.17 **York Sample ID:** 25G0174-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:00 pm	07/02/2025

Q_P_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)**	**0.240**		ug/kg dry	0.208	0.220	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.210	0.220	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	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	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.220	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	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	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.220	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	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	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.213	0.220	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.189**	J	ug/kg dry	0.120	0.440	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	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	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.220	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.825	0.836	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.831	0.845	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.880	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	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	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.212	0.440	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0682	0.440	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.440	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.207	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.655	0.825	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.669	0.880	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-17_0.0-0.17 **York Sample ID:** 25G0174-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:00 pm	07/02/2025

Q_P_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
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.342	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:25	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.271	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:25	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.191	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:25	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:25	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:25	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.697	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:25	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.31	5.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:25	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.65	5.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:25	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.672	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:25	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:25	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.767	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:25	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:25	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*101 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*94.0 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*104 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*107 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*100 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*101 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*86.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.53 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*104 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*70.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*89.5 %*		*10-150*

Sample Information

Client Sample ID: PCI-B-17_0.0-0.17 **York Sample ID:** 25G0174-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:00 pm	07/02/2025

Q_P_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
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*123 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*135 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*181 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*144 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*102 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*144 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*68.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*73.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*92.7 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*56.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.2 %*			*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**	**90.5**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:34	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-17_0.17-1.0 **York Sample ID:** 25G0174-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:05 pm	07/02/2025

Q_P_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	07/05/2025 10:01	07/08/2025 01:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0667**	J	ug/kg dry	0.0582	0.220	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.220	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.201	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.224**		ug/kg dry	0.189	0.220	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-17_0.17-1.0 **York Sample ID:** 25G0174-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:05 pm	07/02/2025

Q_P_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
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.184	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	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	07/05/2025 10:01	07/08/2025 01:37	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.210	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	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	07/05/2025 10:01	07/08/2025 01:37	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	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	07/05/2025 10:01	07/08/2025 01:37	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.213	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.824	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.830	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.879	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.391	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:37	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.212	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:37	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0681	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:37	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:37	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	07/05/2025 10:01	07/08/2025 01:37	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.654	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM

Sample Information

Client Sample ID: PCI-B-17_0.17-1.0 **York Sample ID:** 25G0174-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:05 pm	07/02/2025

Q_P_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		ug/kg dry	0.668	0.879	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.342	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.270	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.191	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:37	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:37	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.697	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:37	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.31	5.49	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:37	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.65	5.49	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:37	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.671	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:37	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:37	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.766	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:37	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:37	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*98.0 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*115 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*111 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*116 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.7 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*81.9 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*3.12 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*115 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*52.7 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-17_0.17-1.0 **York Sample ID:** 25G0174-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:05 pm	07/02/2025

Q_P_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
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*80.9 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*108 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*123 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*163 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*145 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*160 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*75.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*69.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*93.0 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*53.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*49.9 %*			*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**	**91.0**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-17_1.0-2.0 **York Sample ID:** 25G0174-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:10 pm	07/02/2025

Q_P_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	0.118	0.188	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:50	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0562	0.212	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.194	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 01:50	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-17_1.0-2.0 **York Sample ID:** 25G0174-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:10 pm	07/02/2025

Q_P_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	0.182	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.795	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.800	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.848	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.377	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:50	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.204	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:50	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0657	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:50	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:50	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM

Sample Information

Client Sample ID: PCI-B-17_1.0-2.0 **York Sample ID:** 25G0174-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:10 pm	07/02/2025

Q_P_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	0.630	0.795	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.644	0.848	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.330	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.261	0.793	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:50	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 01:50	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.672	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:50	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.22	5.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:50	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.59	5.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:50	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.647	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:50	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:50	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.738	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:50	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 01:50	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*103 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*97.5 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*116 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*103 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*84.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*3.51 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*117 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-17_1.0-2.0 **York Sample ID:** 25G0174-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:10 pm	07/02/2025

Q_P_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
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*52.6 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*80.7 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*92.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*166 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*135 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*101 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*155 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*76.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*72.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*97.9 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*50.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*49.7 %*			*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**	**93.6**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-21_0.0-0.17 **York Sample ID:** 25G0174-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:25 pm	07/02/2025

Q_P_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	0.118	0.189	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 02:26	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0801**	J	ug/kg dry	0.0565	0.213	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 02:26	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 02:26	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-21_0.0-0.17 **York Sample ID:** 25G0174-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:25 pm	07/02/2025

Q_P_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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.197**	J	ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.479**		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.216**		ug/kg dry	0.201	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.139**	J	ug/kg dry	0.116	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.799	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.805	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.379	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 02:26	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.206	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 02:26	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0661	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 02:26	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 02:26	AM

Sample Information

Client Sample ID: PCI-B-21_0.0-0.17 **York Sample ID:** 25G0174-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:25 pm	07/02/2025

Q_P_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
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.634	0.799	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.648	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.331	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.262	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 02:26	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 02:26	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.676	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 02:26	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.24	5.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 02:26	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.60	5.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 02:26	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.651	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 02:26	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 02:26	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.743	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 02:26	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 02:26	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*106 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*103 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*124 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*121 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*114 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*113 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*96.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.3 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-21_0.0-0.17 **York Sample ID:** 25G0174-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:25 pm	07/02/2025

Q_P_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 acid (MPFBA)*	*38.0 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*118 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*77.9 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*95.0 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*151 %*	PFSu-H		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*158 %*	PFSu-H		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*219 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*191 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*108 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*157 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*85.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*82.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*96.0 %*			*25-150*						
D9-NETPFOSA	*Surrogate: d9-N-EtFOSE*	*63.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*59.7 %*			*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**	**93.1**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-21_0.17-1.0 **York Sample ID:** 25G0174-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:30 pm	07/02/2025

Q_P_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	0.118	0.187	1	EPA 1633 Draft 3	07/05/2025 10:01	07/08/2025 03:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-21_0.17-1.0 **York Sample ID:** 25G0174-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:30 pm	07/02/2025

Q_P_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
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.141**	J	ug/kg dry	0.0561	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.131**	J	ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.488**		ug/kg dry	0.182	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.175**	J	ug/kg dry	0.115	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.794	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.800	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.305**	J	ug/kg dry	0.115	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.377	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:03	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.204	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:03	AM

Sample Information

Client Sample ID: PCI-B-21_0.17-1.0 **York Sample ID:** 25G0174-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:30 pm	07/02/2025

Q_P_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	0.0657	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:03	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:03	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.630	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.644	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.329	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.261	0.792	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:03	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:03	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.671	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:03	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.22	5.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:03	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.59	5.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:03	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.647	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:03	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:03	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.738	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:03	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:03	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*113 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*99.9 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*142 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*119 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*105 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-21_0.17-1.0 **York Sample ID:** 25G0174-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:30 pm	07/02/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*87.6 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*73.1 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*68.7 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*122 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*87.5 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*81.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*122 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*139 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*196 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*156 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*120 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*162 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*64.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*63.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*50.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*50.0 %*			*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**	**94.2**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-B-21_1.0-2.0 **York Sample ID:** 25G0174-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:35 pm	07/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **PCI-B-21_1.0-2.0** **York Sample ID:** **25G0174-33**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:35 pm	07/02/2025

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	0.189	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0708**	J	ug/kg dry	0.0566	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	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	07/05/2025 10:01	07/08/2025 03:15	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.243**		ug/kg dry	0.184	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	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	07/05/2025 10:01	07/08/2025 03:15	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	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	07/05/2025 10:01	07/08/2025 03:15	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	07/05/2025 10:01	07/08/2025 03:15	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	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	07/05/2025 10:01	07/08/2025 03:15	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.801	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.806	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.380	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:15	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.206	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:15	AM

Sample Information

Client Sample ID: PCI-B-21_1.0-2.0 **York Sample ID:** 25G0174-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:35 pm	07/02/2025

Q_P_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	0.0662	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:15	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:15	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	07/05/2025 10:01	07/08/2025 03:15	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.635	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.649	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.332	0.807	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.263	0.799	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.807	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:15	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:15	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.677	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:15	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.24	5.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:15	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.60	5.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:15	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.652	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:15	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:15	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.744	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:15	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:15	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*126 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*115 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*148 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*138 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*130 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*117 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*111 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-21_1.0-2.0 **York Sample ID:** 25G0174-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:35 pm	07/02/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*89.1 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.1 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*67.4 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*120 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*91.3 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*95.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*126 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*132 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*209 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*166 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*122 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*186 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*74.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*73.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*51.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*49.9 %*			*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**	**93.7**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-B-04_0.0-0.17 **York Sample ID:** 25G0174-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:50 pm	07/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-04_0.0-0.17 **York Sample ID:** 25G0174-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:50 pm	07/02/2025

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	0.123	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.245**		ug/kg dry	0.0589	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.184**	J	ug/kg dry	0.117	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.301**		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**4.49**		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.346**		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.922**		ug/kg dry	0.186	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.819**		ug/kg dry	0.165	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.656**		ug/kg dry	0.216	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**0.307**		ug/kg dry	0.121	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**0.215**		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.255**	J	ug/kg dry	0.121	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.834	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.839	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.889	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.396	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:28	AM

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

Sample Information

Client Sample ID: PCI-B-04_0.0-0.17 **York Sample ID:** 25G0174-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:50 pm	07/02/2025

Q_P_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		ug/kg dry	0.215	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:28	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0689	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:28	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:28	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.662	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.676	0.889	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
763051-92-9	* 11CL-PF3OUdS	ND						NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
756426-58-1	* 9CL-PF3ONS	ND						NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
919005-14-4	* ADONA	ND						NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND						NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:28	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND						NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:28	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND						Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:28	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.33	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:28	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.67	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:28	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.679	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:28	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:28	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.775	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:28	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:28	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*113 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*106 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*134 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*130 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*117 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*	*25-150*

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

Sample Information

Client Sample ID: PCI-B-04_0.0-0.17 **York Sample ID:** 25G0174-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:50 pm	07/02/2025

Q_P_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*	*110 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*93.3 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*85.7 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*20.0 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*125 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*74.5 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*97.9 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*149 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*164 %*									
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*264 %*									
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*235 %*									
13C9PFNA	*Surrogate: M9PFNA*	*108 %*									
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*168 %*									
936109-37-4	*Surrogate: d-N-MeFOSA*	*78.7 %*									
936109-40-9	*Surrogate: d-N-EtFOSA*	*73.3 %*									
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*96.9 %*									
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*60.0 %*									
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*54.0 %*			*25-150*						

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

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	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-B-04_0.17-1.0 **York Sample ID:** 25G0174-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:55 pm	07/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-04_0.17-1.0 **York Sample ID:** 25G0174-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:55 pm	07/02/2025

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	0.118	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.155**	J	ug/kg dry	0.0564	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.244**		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**4.18**		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.340**		ug/kg dry	0.201	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.413**		ug/kg dry	0.157	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.281**		ug/kg dry	0.157	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.157	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.157	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.157	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.194**	J	ug/kg dry	0.116	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.798	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.803	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.379	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:40	AM

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

Sample Information

Client Sample ID: PCI-B-04_0.17-1.0 **York Sample ID:** 25G0174-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:55 pm	07/02/2025

Q_P_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		ug/kg dry	0.205	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:40	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0659	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:40	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:40	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.633	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.647	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
763051-92-9	* 11CL-PF3OUdS	ND						ELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
756426-58-1	* 9CL-PF3ONS	ND						ELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
919005-14-4	* ADONA	ND						ELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND						ELAC-NH2097	07/05/2025 10:01	07/08/2025 03:40	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND						ELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:40	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND						Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:40	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.23	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:40	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.60	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:40	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.650	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:40	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:40	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.741	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:40	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:40	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*92.1 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*125 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*106 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*	*25-150*

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

Sample Information

Client Sample ID: PCI-B-04_0.17-1.0 **York Sample ID:** 25G0174-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 12:55 pm	07/02/2025

Q_P_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*	*101 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*89.1 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*67.9 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*17.9 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*121 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*64.3 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*86.1 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*128 %*									
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*138 %*									
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*194 %*									
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*157 %*									
13C9PFNA	*Surrogate: M9PFNA*	*101 %*									
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*168 %*									
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.9 %*									
936109-40-9	*Surrogate: d-N-EtFOSA*	*67.8 %*									
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*81.3 %*									
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*51.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*44.5 %*			*25-150*						

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

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**	**94.0**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-04_1.0-2.0 **York Sample ID:** 25G0174-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:00 pm	07/02/2025

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

Sample Information

Client Sample ID: PCI-B-04_1.0-2.0 **York Sample ID:** 25G0174-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:00 pm	07/02/2025

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	0.118	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0562	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.241**		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.201	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.796	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.801	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.378	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:52	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.205	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:52	AM

Sample Information

Client Sample ID: PCI-B-04_1.0-2.0 **York Sample ID:** 25G0174-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:00 pm	07/02/2025

Q_P_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	0.0658	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:52	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:52	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.631	0.796	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.645	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.330	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.261	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:52	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 03:52	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.673	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:52	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.23	5.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:52	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.59	5.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:52	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.648	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:52	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:52	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.740	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:52	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 03:52	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*94.8 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*97.6 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*123 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*102 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*103 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*96.1 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-04_1.0-2.0 **York Sample ID:** 25G0174-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:00 pm	07/02/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*80.0 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*70.7 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*7.95 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*104 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*71.6 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*90.9 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*110 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*166 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*138 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*103 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*142 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*84.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*80.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*96.9 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*61.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*59.6 %*			*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**	**93.3**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-18_0.0-0.17 **York Sample ID:** 25G0174-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:30 pm	07/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-18_0.0-0.17 **York Sample ID:** 25G0174-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:30 pm	07/02/2025

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	0.124	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0592	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.192	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.417**		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.211	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.130**	J	ug/kg dry	0.122	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.213	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.838	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.843	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.319**	J	ug/kg dry	0.122	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.398	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:05	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.216	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:05	AM

Sample Information

Client Sample ID: PCI-B-18_0.0-0.17 **York Sample ID:** 25G0174-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:30 pm	07/02/2025

Q_P_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	0.0692	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:05	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:05	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.665	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.679	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.347	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.275	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:05	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:05	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.708	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:05	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.34	5.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:05	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.68	5.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:05	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.682	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:05	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:05	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.778	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:05	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:05	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*99.1 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*100 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*109 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*105 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.5 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-18_0.0-0.17 **York Sample ID:** 25G0174-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:30 pm	07/02/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*83.5 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*69.6 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*106 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*107 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*77.9 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*86.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*141 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*145 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*187 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*166 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*135 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*79.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*68.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*90.9 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*57.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*52.8 %*			*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**	**89.0**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-18_0.17-1.0 **York Sample ID:** 25G0174-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:35 pm	07/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **PCI-B-18_0.17-1.0** **York Sample ID:** **25G0174-40**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:35 pm	07/02/2025

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	07/05/2025 10:01	07/08/2025 04:17	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0569	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.366**		ug/kg dry	0.185	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	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	07/05/2025 10:01	07/08/2025 04:17	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.806	0.816	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.811	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.859	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.382	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:17	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.207	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:17	AM

Sample Information

Client Sample ID: PCI-B-18_0.17-1.0 **York Sample ID:** 25G0174-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:35 pm	07/02/2025

Q_P_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	0.0666	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:17	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:17	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.639	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.653	0.859	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.334	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.264	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:17	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.182	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:17	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	07/05/2025 10:01	07/08/2025 04:17	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.681	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:17	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.25	5.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:17	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.61	5.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:17	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.656	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:17	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:17	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.749	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:17	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:17	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*101 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*110 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*105 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*104 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-18_0.17-1.0 **York Sample ID:** 25G0174-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:35 pm	07/02/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*86.0 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*73.7 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*105 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*111 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*78.7 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*79.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*124 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*137 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*162 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*132 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*103 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*150 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*68.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*67.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*96.2 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*44.7 %*			*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**	**93.1**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-18_1.0-2.0 **York Sample ID:** 25G0174-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:40 pm	07/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-18_1.0-2.0 **York Sample ID:** 25G0174-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:40 pm	07/02/2025

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	07/05/2025 10:01	07/08/2025 04:29	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0570	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.180	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.209	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.807	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.813	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.383	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:29	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.208	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:29	AM

Sample Information

Client Sample ID: PCI-B-18_1.0-2.0 **York Sample ID:** 25G0174-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:40 pm	07/02/2025

Q_P_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	0.0667	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:29	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:29	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.640	0.807	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.654	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.335	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.265	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.182	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:29	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:29	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.682	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:29	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.26	5.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:29	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.61	5.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:29	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.658	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:29	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.194	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:29	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.750	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:29	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:29	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*106 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*103 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*127 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*114 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*99.4 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*87.2 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-18_1.0-2.0 **York Sample ID:** 25G0174-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:40 pm	07/02/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*73.3 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.4 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*112 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*101 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*80.3 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*90.8 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*105 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*114 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*180 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*139 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*162 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*79.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*70.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*96.4 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*55.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*57.3 %*			*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**	**92.7**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Volatiles, 8260 Comprehensive

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

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
594-20-7	2,2-Dichloropropane	ND	CAL-E	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.011	0.022	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260D Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*112 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/02/2025 10:34	07/03/2025 18:12	PRS

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-044
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 16:08	SR
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270E Certifications:	07/03/2025 09:47 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 16:08	SR
120-12-7	Anthracene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 16:08	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 16:08	SR
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.356	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/07/2025 16:08	SR
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR
65-85-0	Benzoic acid	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 16:08	SR
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 16:08	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.0889	0.178	2	EPA 8270E Certifications:	07/03/2025 09:47 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 16:08	SR
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR
218-01-9	Chrysene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 16:08	SR

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.356	2	EPA 8270E Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*120 %*	S-08, S-HI	*20-108*

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13127-88-3	*Surrogate: SURR: Phenol-d6*	*121 %*	S-08, S-HI		*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*142 %*	S-08, S-HI		*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*108 %*	S-08, S-HI		*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*114 %*	S-08, S-HI		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*99.6 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

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/kg	6.62	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/03/2025 13:33	07/08/2025 00:39	SS

Surrogate Recoveries		Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*310 %*	S-08, S-HI	*39-127.5*

Q_P_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	0.118	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0562	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Q_P_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		ug/kg dry	0.133	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.795	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.801	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.848	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.378	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:41	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.205	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:41	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0658	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:41	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:41	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.631	0.795	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.645	0.848	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.330	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.261	0.793	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:41	AM

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Q_P_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
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/05/2025 10:01	07/08/2025 04:41	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.672	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:41	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.23	5.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:41	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.59	5.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:41	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.648	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:41	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:41	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.739	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:41	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/05/2025 10:01	07/08/2025 04:41	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*97.3 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*103 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*129 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*93.4 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*102 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*77.3 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*67.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*54.8 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*52.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*105 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*78.8 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*81.1 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*68.4 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*78.8 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*80.1 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*139 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*87.9 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*79.9 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*137 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*60.1 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Q_P_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*	*59.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*95.6 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*42.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*45.4 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

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/kg dry			2	EPA 8270D Certifications:	07/03/2025 09:47	07/07/2025 16:08	SR

Pesticides, 8081 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 NELAC-NY10854,NJDEP-CT005	07/07/2025 17:26	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854	07/07/2025 17:26	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 NELAC-NY10854,NJDEP-CT005	07/07/2025 17:26	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:26	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0352	5	EPA 8081B Certifications:	07/06/2025 08:00	07/07/2025 17:26	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.4 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/06/2025 07:58 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	07/07/2025 21:40	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/06/2025 07:58 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	07/07/2025 21:40	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/06/2025 07:58 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	07/07/2025 21:40	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/06/2025 07:58 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	07/07/2025 21:40	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/06/2025 07:58 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	07/07/2025 21:40	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/06/2025 07:58 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	07/07/2025 21:40	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/06/2025 07:58 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	07/07/2025 21:40	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	07/06/2025 07:58	07/07/2025 21:40	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.0 %*	*30-120*

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**18300**		mg/kg dry	4.45	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.23	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.19**		mg/kg dry	1.34	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**43.5**		mg/kg dry	2.22	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.537**		mg/kg dry	0.045	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.267	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**782**		mg/kg dry	4.45	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**17.2**		mg/kg dry	0.446	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**10.7**		mg/kg dry	0.356	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**33.0**		mg/kg dry	1.78	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**33700**		mg/kg dry	22.3	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**15.2**		mg/kg dry	0.446	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**8330**		mg/kg dry	4.46	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**916**		mg/kg dry	0.446	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**25.9**		mg/kg dry	0.887	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1300**		mg/kg dry	4.46	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.23	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.449	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	44.5	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.79	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.9**		mg/kg dry	0.887	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**70.8**		mg/kg dry	2.22	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PCI-B-18_4.0-6.0 **York Sample ID:** 25G0174-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 1:45 pm	07/02/2025

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0325**		mg/kg dry	0.0321	1	EPA 7473	07/07/2025 08:27	07/08/2025 08:56	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.535	1	EPA 9014/9010C	07/09/2025 14:46	07/09/2025 16:45	sml
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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**	**93.5**		%	0.100	1	SM 2540G	07/03/2025 08:47	07/03/2025 12:50	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-B-13_0.0-0.17 **York Sample ID:** 25G0174-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:20 pm	07/02/2025

Q_P_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	0.121	0.194	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 08:28	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0896**	J	ug/kg dry	0.0580	0.219	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 08:28	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.132**	J	ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 08:28	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.200	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 08:28	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.430**		ug/kg dry	0.188	0.219	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 08:28	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PCI-B-13_0.0-0.17 **York Sample ID:** 25G0174-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:20 pm	07/02/2025

Q_P_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
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.666**		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.247**		ug/kg dry	0.207	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.820	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.826	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.875	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.389	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:28	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:28	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0678	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:28	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:28	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.651	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM

Sample Information

Client Sample ID: PCI-B-13_0.0-0.17 **York Sample ID:** 25G0174-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:20 pm	07/02/2025

Q_P_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		ug/kg dry	0.665	0.875	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.340	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.269	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:28	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:28	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.694	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:28	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.30	5.47	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:28	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.64	5.47	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:28	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.668	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:28	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:28	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.763	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:28	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:28	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*97.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*116 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*106 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*86.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*68.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*21.1 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*113 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*77.5 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-13_0.0-0.17 **York Sample ID:** 25G0174-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:20 pm	07/02/2025

Q_P_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
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*71.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*98.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*106 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*152 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*120 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*108 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*136 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*66.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*64.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*90.9 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*57.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*56.3 %*			*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**	**91.0**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-13_0.17-1.0 **York Sample ID:** 25G0174-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:25 pm	07/02/2025

Q_P_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	0.117	0.187	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 09:05	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0560	0.211	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 09:05	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 09:05	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.193	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 09:05	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-13_0.17-1.0 **York Sample ID:** 25G0174-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:25 pm	07/02/2025

Q_P_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	0.182	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.792	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.797	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.376	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 09:05	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.204	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 09:05	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0655	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 09:05	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 09:05	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM

Sample Information

Client Sample ID: PCI-B-13_0.17-1.0 **York Sample ID:** 25G0174-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:25 pm	07/02/2025

Q_P_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	0.628	0.792	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.642	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.328	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.260	0.790	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 09:05	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 09:05	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.670	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 09:05	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.22	5.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 09:05	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.58	5.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 09:05	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.645	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 09:05	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 09:05	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.736	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 09:05	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 09:05	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*99.9 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*98.5 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*120 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*106 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*93.5 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*73.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.19 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*101 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-13_0.17-1.0 **York Sample ID:** 25G0174-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:25 pm	07/02/2025

Q_P_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
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*78.5 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*84.7 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*71.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*86.0 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*132 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*109 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*93.8 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*127 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*58.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*97.1 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*58.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*57.3 %*			*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**	**94.1**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-13_1.0-2.0 **York Sample ID:** 25G0174-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:30 pm	07/02/2025

Q_P_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	07/09/2025 09:54	07/11/2025 15:28	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	07/09/2025 09:54	07/11/2025 15:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.214	1	EPA 1633 Draft 3	07/09/2025 09:54	07/11/2025 15:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-13_1.0-2.0 **York Sample ID:** 25G0174-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:30 pm	07/02/2025

Q_P_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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	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	07/09/2025 09:54	07/11/2025 15:28	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	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	07/09/2025 09:54	07/11/2025 15:28	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	07/09/2025 09:54	07/11/2025 15:28	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	07/09/2025 09:54	07/11/2025 15:28	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	07/09/2025 09:54	07/11/2025 15:28	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	07/09/2025 09:54	07/11/2025 15:28	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	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	07/09/2025 09:54	07/11/2025 15:28	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	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	07/09/2025 09:54	07/11/2025 15:28	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	07/09/2025 09:54	07/11/2025 15:28	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.804	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.809	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.382	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:28	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.207	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:28	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0665	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:28	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:28	AM

Sample Information

Client Sample ID: PCI-B-13_1.0-2.0 **York Sample ID:** 25G0174-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:30 pm	07/02/2025

Q_P_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
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.638	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.652	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.333	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.264	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:28	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:28	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	07/09/2025 09:54	07/11/2025 15:28	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.680	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:28	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.25	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:28	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.61	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:28	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.655	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:28	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:28	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.747	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:28	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:28	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*93.9 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*96.6 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*95.1 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*99.5 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*88.8 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*81.5 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*62.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*48.5 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-13_1.0-2.0 **York Sample ID:** 25G0174-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:30 pm	07/02/2025

Q_P_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 acid (MPFBA)*	*91.7 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*98.7 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*86.9 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*100 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*40.9 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*43.8 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*119 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*99.1 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*91.2 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*118 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*67.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*89.4 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*77.2 %*			*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**	**93.1**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-13_7.0-9.0 **York Sample ID:** 25G0174-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:35 pm	07/02/2025

Q_P_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	0.121	0.193	1	EPA 1633 Draft 3	07/09/2025 09:54	07/11/2025 15:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-13_7.0-9.0 **York Sample ID:** 25G0174-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:35 pm	07/02/2025

Q_P_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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0579	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.207	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.820	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.825	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.389	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:40	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.211	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:40	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0678	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:40	AM

Sample Information

Client Sample ID: PCI-B-13_7.0-9.0 **York Sample ID:** 25G0174-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:35 pm	07/02/2025

Q_P_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		ug/kg dry	0.105	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:40	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.650	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.665	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.340	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.269	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:40	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:40	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.693	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:40	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.29	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:40	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.64	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:40	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.668	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:40	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:40	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.762	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:40	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:40	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*98.5 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*112 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*118 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*107 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*98.6 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*96.8 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*73.8 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-13_7.0-9.0 **York Sample ID:** 25G0174-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:35 pm	07/02/2025

Q_P_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
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.4 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*105 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*106 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*100 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*117 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*62.0 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*71.3 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*142 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*119 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*100 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*126 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*82.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*75.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*98.1 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*93.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*95.1 %*			*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**	**90.9**		%	0.100	1	SM 2540G	07/03/2025 08:47	07/03/2025 12:50	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-06_0.0-0.17 **York Sample ID:** 25G0174-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:50 pm	07/02/2025

Q_P_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

Sample Information

Client Sample ID: PCI-B-06_0.0-0.17 **York Sample ID:** 25G0174-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:50 pm	07/02/2025

Q_P_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	07/09/2025 09:54	07/11/2025 15:53	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0755**	J	ug/kg dry	0.0569	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	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	07/09/2025 09:54	07/11/2025 15:53	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.187**	J	ug/kg dry	0.185	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.336**		ug/kg dry	0.179	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.212	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.130**	J	ug/kg dry	0.117	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	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	07/09/2025 09:54	07/11/2025 15:53	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.805	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.810	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.382	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:53	AM

Sample Information

Client Sample ID: PCI-B-06_0.0-0.17 **York Sample ID:** 25G0174-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:50 pm	07/02/2025

Q_P_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	PF-CCV-L	ug/kg dry	0.207	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:53	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0665	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:53	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:53	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.638	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.652	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.334	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.264	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 15:53	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:53	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	07/09/2025 09:54	07/11/2025 15:53	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.680	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:53	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.25	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:53	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.61	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:53	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.656	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:53	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:53	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.748	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:53	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 15:53	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*105 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*110 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*111 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*104 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-06_0.0-0.17 **York Sample ID:** 25G0174-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:50 pm	07/02/2025

Q_P_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*	*99.5 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*61.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*63.8 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*50.8 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*109 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*92.0 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*111 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*63.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*66.4 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*150 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*120 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*87.0 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*135 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*92.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*86.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*94.3 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*94.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*90.3 %*			*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**	**93.0**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-06_0.17-1.0 **York Sample ID:** 25G0174-48

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:55 pm	07/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-06_0.17-1.0 **York Sample ID:** 25G0174-48

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:55 pm	07/02/2025

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	0.123	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0678**	J	ug/kg dry	0.0588	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.307**		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.421**		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.215**	J	ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.215	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.443	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.831	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.837	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.887	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.395	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:05	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.214	0.443	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:05	AM

Sample Information

Client Sample ID: PCI-B-06_0.17-1.0 **York Sample ID:** 25G0174-48

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:55 pm	07/02/2025

Q_P_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	PF-LCS-L	ug/kg dry	0.0687	0.443	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:05	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.443	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:05	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.660	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.674	0.887	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.345	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.273	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:05	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:05	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.703	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:05	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.33	5.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:05	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.66	5.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:05	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.677	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:05	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:05	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.773	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:05	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:05	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*111 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*129 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*88.9 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*91.5 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-06_0.17-1.0 **York Sample ID:** 25G0174-48

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 2:55 pm	07/02/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*80.8 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*63.2 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*7.86 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*117 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*61.7 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*113 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*64.4 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*71.7 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*162 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*137 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*98.1 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*139 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*75.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*79.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*96.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*88.2 %*			*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**	**90.2**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-06_1.0-2.0 **York Sample ID:** 25G0174-49

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:00 pm	07/02/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-06_1.0-2.0 **York Sample ID:** 25G0174-49

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:00 pm	07/02/2025

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	0.121	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0576	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.195	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.208	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.211	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.815	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.821	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.870	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.387	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:17	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.210	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:17	AM

Sample Information

Client Sample ID: PCI-B-06_1.0-2.0 **York Sample ID:** 25G0174-49

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:00 pm	07/02/2025

Q_P_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	PF-LCS-L	ug/kg dry	0.0674	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:17	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:17	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.647	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.661	0.870	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.338	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.267	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.184	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:17	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:17	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.689	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:17	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.28	5.44	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:17	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.63	5.44	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:17	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.664	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:17	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:17	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.758	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:17	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:17	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*111 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*123 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*105 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*98.4 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.4 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-06_1.0-2.0 **York Sample ID:** 25G0174-49

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:00 pm	07/02/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*75.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.9 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*88.3 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*104 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*97.6 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*115 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*56.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*55.9 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*141 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*129 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*103 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*149 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*74.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*82.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*94.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*98.6 %*			*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**	**91.8**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:39	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.039	0.078	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0040**	J	mg/kg dry	0.0039	0.0078	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D	07/08/2025 13:51	07/08/2025 20:18	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND	ICVE	mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0097	0.019	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/08/2025 13:51	07/08/2025 20:18	PRS

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE	mg/kg dry	0.0925	0.185	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0925	0.185	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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	CCVE	mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.185	0.371	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.185	0.371	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0925	0.185	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 06:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 06:55	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.185	0.371	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 06:55	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*39.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*31.4 %*	*23-114*

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

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*	*22.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*63.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.9 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

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/kg	6.58	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/03/2025 13:33	07/08/2025 00:54	SS

CAS No.	Surrogate Recoveries	Result	Flag	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*170 %*	S-08, S-HI	*39-127.5*

Q_P_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	07/09/2025 09:54	07/11/2025 16:54	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	07/09/2025 09:54	07/11/2025 16:54	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	07/09/2025 09:54	07/11/2025 16:54	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	07/09/2025 09:54	07/11/2025 16:54	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	07/09/2025 09:54	07/11/2025 16:54	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 16:54	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	07/09/2025 09:54	07/11/2025 16:54	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	07/09/2025 09:54	07/11/2025 16:54	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	07/09/2025 09:54	07/11/2025 16:54	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	07/09/2025 09:54	07/11/2025 16:54	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	07/09/2025 09:54	07/11/2025 16:54	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	07/09/2025 09:54	07/11/2025 16:54	AM

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Q_P_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
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.220	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.220	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.441	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.220	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NJDEP-NY037	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.220	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NJDEP-NY037	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NJDEP-NY037	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:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NJDEP-NY037	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:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.882	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.392	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.213	0.441	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0683	0.441	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.441	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.207	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NJDEP-NY037	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:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NJDEP-NY037	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.670	0.882	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NJDEP-NY037	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.343	0.833	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NJDEP-NY037	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.271	0.825	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NJDEP-NY037	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.833	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NJDEP-NY037	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.214	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097 ,NJDEP-NY037	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.699	1.10	1	EPA 1633 Draft 3 Certifications:	07/09/2025 09:54	07/11/2025 16:54 NELAC-NH2097	AM

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Q_P_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
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.31	5.51	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:54	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.65	5.51	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:54	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.673	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:54	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:54	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.768	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:54	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 16:54	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*116 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*123 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*111 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*109 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*93.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*66.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*50.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.26 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*104 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*42.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*114 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*61.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*68.1 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*158 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*119 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*102 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*144 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.5 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*81.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*74.9 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*77.5 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**9-Octadecenamide isomer RT1...**	**843**	J	ug/kg dry			2	EPA 8270D Certifications:	07/07/2025 08:41	07/08/2025 06:55	SS

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 NELAC-NY10854,NJDEP-CT005	07/07/2025 17:43	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854	07/07/2025 17:43	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 NELAC-NY10854,NJDEP-CT005	07/07/2025 17:43	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 17:43	RJ

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	07/06/2025 08:00	07/07/2025 17:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	07/06/2025 08:00	07/07/2025 17:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B	07/06/2025 08:00	07/07/2025 17:43	RJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*80.4 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*79.2 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	07/06/2025 07:58	07/07/2025 21:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	07/06/2025 07:58	07/07/2025 21:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	07/06/2025 07:58	07/07/2025 21:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	07/06/2025 07:58	07/07/2025 21:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	07/06/2025 07:58	07/07/2025 21:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	07/06/2025 07:58	07/07/2025 21:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	07/06/2025 07:58	07/07/2025 21:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	07/06/2025 07:58	07/07/2025 21:53	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*93.0 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*84.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17600**		mg/kg dry	4.64	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.71**		mg/kg dry	1.39	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**64.3**		mg/kg dry	2.32	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.595**		mg/kg dry	0.047	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.278	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**11400**		mg/kg dry	4.64	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**18.1**		mg/kg dry	0.464	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**10.9**		mg/kg dry	0.371	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**28.9**		mg/kg dry	1.86	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**28200**		mg/kg dry	23.2	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**14.1**		mg/kg dry	0.464	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**7210**		mg/kg dry	4.64	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**496**		mg/kg dry	0.464	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**23.6**		mg/kg dry	0.924	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1890**		mg/kg dry	4.64	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.468	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**61.8**		mg/kg dry	46.4	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.86	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.0**		mg/kg dry	0.924	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**62.8**		mg/kg dry	2.31	1	EPA 6010D	07/07/2025 14:59	07/08/2025 12:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

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

Sample Information

Client Sample ID: PCI-B-06_8.0-10.0 **York Sample ID:** 25G0174-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Sample Prepared by Method: EPA 7473 soil

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/kg dry	0.0334	1	EPA 7473	07/07/2025 08:27	07/08/2025 08:56	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.557	1	EPA 9014/9010C	07/09/2025 14:46	07/09/2025 16:45	sml
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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	07/03/2025 08:52	07/03/2025 12:28	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-FD01-250701 **York Sample ID:** 25G0174-51

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Q_P_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	07/09/2025 09:54	07/11/2025 17:06	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	07/09/2025 09:54	07/11/2025 17:06	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.214	1	EPA 1633 Draft 3	07/09/2025 09:54	07/11/2025 17:06	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	07/09/2025 09:54	07/11/2025 17:06	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	07/09/2025 09:54	07/11/2025 17:06	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3	07/09/2025 09:54	07/11/2025 17:06	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.214	1	EPA 1633 Draft 3	07/09/2025 09:54	07/11/2025 17:06	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PCI-FD01-250701 **York Sample ID:** 25G0174-51

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Q_P_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	0.205	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:06	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	07/09/2025 09:54	07/11/2025 17:06	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	07/09/2025 09:54	07/11/2025 17:06	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	07/09/2025 09:54	07/11/2025 17:06	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	07/09/2025 09:54	07/11/2025 17:06	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:06	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	07/09/2025 09:54	07/11/2025 17:06	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:06	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:06	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	07/09/2025 09:54	07/11/2025 17:06	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	07/09/2025 09:54	07/11/2025 17:06	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.804	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:06	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.810	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:06	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:06	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.382	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:06	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.207	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:06	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0665	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:06	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:06	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:06	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.638	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:06	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.652	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:06	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.334	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:06	AM

Sample Information

Client Sample ID: PCI-FD01-250701 **York Sample ID:** 25G0174-51

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Q_P_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	0.264	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:06	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:06	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:06	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	07/09/2025 09:54	07/11/2025 17:06	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.680	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:06	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.25	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:06	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.61	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:06	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.655	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:06	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:06	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.747	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:06	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:06	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*111 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*113 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*133 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*117 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.2 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*71.2 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*52.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*73.7 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*108 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*100 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*118 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*63.3 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*59.5 %*	*25-150*

Sample Information

Client Sample ID: PCI-FD01-250701 **York Sample ID:** 25G0174-51

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Q_P_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
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*146 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*116 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*103 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*138 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*91.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*74.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*77.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*84.1 %*			*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**	**93.2**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:45	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-FD02-250701 **York Sample ID:** 25G0174-52

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Q_P_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	0.120	0.192	1	EPA 1633 Draft 3	07/09/2025 09:54	07/11/2025 17:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0575	0.217	1	EPA 1633 Draft 3	07/09/2025 09:54	07/11/2025 17:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3	07/09/2025 09:54	07/11/2025 17:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.199	1	EPA 1633 Draft 3	07/09/2025 09:54	07/11/2025 17:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.217	1	EPA 1633 Draft 3	07/09/2025 09:54	07/11/2025 17:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.196**	J	ug/kg dry	0.181	0.202	1	EPA 1633 Draft 3	07/09/2025 09:54	07/11/2025 17:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-FD02-250701 **York Sample ID:** 25G0174-52

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Q_P_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)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.211	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.814	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.820	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.868	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.386	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:19	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.209	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:19	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0673	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:19	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:19	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.646	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.660	0.868	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM

Sample Information

Client Sample ID: PCI-FD02-250701 **York Sample ID:** 25G0174-52

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Q_P_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
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.338	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.267	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:19	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:19	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.688	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:19	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.28	5.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:19	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.63	5.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:19	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.663	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:19	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:19	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.757	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:19	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:19	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*104 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*120 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*112 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*93.8 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*90.1 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*69.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*49.6 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*112 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*92.4 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*128 %*	*10-150*

Sample Information

Client Sample ID: PCI-FD02-250701 **York Sample ID:** 25G0174-52

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0174	HVRA-N. Hangar 18.8090	Soil	July 1, 2025 3:05 pm	07/02/2025

Q_P_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
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*62.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*63.8 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*156 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*126 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*106 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*156 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*78.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*71.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*93.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*97.6 %*			*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**	**91.8**		%	0.100	1	SM 2540G	07/08/2025 11:30	07/08/2025 18:45	AC
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BG50151 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-10	PCI-B-09_8.0-9.5	07/02/25
25G0174-18	PCI-B-24_8.0-10.0	07/02/25
25G0174-22	PCI-B-15_10.0-12.0	07/02/25
25G0174-26	PCI-B-23_8.0-10.0	07/02/25
25G0174-42	PCI-B-18_4.0-6.0	07/02/25
BG50151-BLK1	Blank	07/02/25
BG50151-BS1	LCS	07/02/25
BG50151-BSD1	LCS Dup	07/02/25

Batch ID: BG50248 **Preparation Method:** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-10	PCI-B-09_8.0-9.5	07/03/25
25G0174-18	PCI-B-24_8.0-10.0	07/03/25
25G0174-22	PCI-B-15_10.0-12.0	07/03/25
25G0174-26	PCI-B-23_8.0-10.0	07/03/25
25G0174-42	PCI-B-18_4.0-6.0	07/03/25
25G0174-46	PCI-B-13_7.0-9.0	07/03/25
BG50248-DUP1	Duplicate	07/03/25

Batch ID: BG50250 **Preparation Method:** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-50	PCI-B-06_8.0-10.0	07/03/25

Batch ID: BG50264 **Preparation Method:** EPA 3550C **Prepared By:** RB

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-10	PCI-B-09_8.0-9.5	07/03/25
25G0174-10	PCI-B-09_8.0-9.5	07/03/25
25G0174-18	PCI-B-24_8.0-10.0	07/03/25
25G0174-18	PCI-B-24_8.0-10.0	07/03/25
25G0174-22	PCI-B-15_10.0-12.0	07/03/25
25G0174-22	PCI-B-15_10.0-12.0	07/03/25
25G0174-26	PCI-B-23_8.0-10.0	07/03/25
25G0174-26	PCI-B-23_8.0-10.0	07/03/25
25G0174-42	PCI-B-18_4.0-6.0	07/03/25
25G0174-42	PCI-B-18_4.0-6.0	07/03/25
BG50264-BLK1	Blank	07/03/25
BG50264-BLK1	Blank	07/03/25
BG50264-BS1	LCS	07/03/25

Batch ID: BG50278 **Preparation Method:** EPA 3550C **Prepared By:** RB

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-06	PCI-B-16_8.0-9.5	07/03/25
25G0174-10	PCI-B-09_8.0-9.5	07/03/25
25G0174-18	PCI-B-24_8.0-10.0	07/03/25
25G0174-22	PCI-B-15_10.0-12.0	07/03/25
25G0174-26	PCI-B-23_8.0-10.0	07/03/25
25G0174-42	PCI-B-18_4.0-6.0	07/03/25
25G0174-50	PCI-B-06_8.0-10.0	07/03/25
BG50278-BLK1	Blank	07/03/25
BG50278-BS1	LCS	07/03/25

Batch ID: BG50293 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-25	PCI-B-23_1.0-2.0	07/05/25
25G0174-26	PCI-B-23_8.0-10.0	07/05/25
25G0174-27	PCI-B-17_0.0-0.17	07/05/25
25G0174-28	PCI-B-17_0.17-1.0	07/05/25
25G0174-29	PCI-B-17_1.0-2.0	07/05/25
25G0174-31	PCI-B-21_0.0-0.17	07/05/25
25G0174-32	PCI-B-21_0.17-1.0	07/05/25
25G0174-33	PCI-B-21_1.0-2.0	07/05/25
25G0174-35	PCI-B-04_0.0-0.17	07/05/25
25G0174-36	PCI-B-04_0.17-1.0	07/05/25
25G0174-37	PCI-B-04_1.0-2.0	07/05/25
25G0174-39	PCI-B-18_0.0-0.17	07/05/25
25G0174-40	PCI-B-18_0.17-1.0	07/05/25
25G0174-41	PCI-B-18_1.0-2.0	07/05/25
25G0174-42	PCI-B-18_4.0-6.0	07/05/25
BG50293-BLK1	Blank	07/05/25
BG50293-BS1	LCS	07/05/25
BG50293-BS2	LCS	07/05/25
BG50293-MS1	Matrix Spike	07/05/25
BG50293-MSD1	Matrix Spike Dup	07/05/25

Batch ID: BG50301 **Preparation Method:** EPA 1633 Prep **Prepared By:** JBG

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-03	PCI-B-16_0.0-0.17	07/06/25
25G0174-04	PCI-B-16_0.17-1.0	07/06/25
25G0174-05	PCI-B-16_1.0-2.0	07/06/25
25G0174-07	PCI-B-09_0.0-0.17	07/06/25
25G0174-08	PCI-B-09_0.17-1.0	07/06/25
25G0174-09	PCI-B-09_1.0-2.0	07/06/25
25G0174-10	PCI-B-09_8.0-9.5	07/06/25
25G0174-11	PCI-B-10_0.0-0.17	07/06/25
25G0174-12	PCI-B-10_0.17-1.0	07/06/25
25G0174-13	PCI-B-10_1.0-2.0	07/06/25
25G0174-15	PCI-B-24_0.0-0.17	07/06/25

25G0174-16	PCI-B-24_0.17-1.0	07/06/25
25G0174-17	PCI-B-24_1.0-2.0	07/06/25
25G0174-18	PCI-B-24_8.0-10.0	07/06/25
25G0174-19	PCI-B-15_0.0-0.17	07/06/25
25G0174-20	PCI-B-15_0.17-1.0	07/06/25
25G0174-21	PCI-B-15_1.0-2.0	07/06/25
25G0174-22	PCI-B-15_10.0-12.0	07/06/25
25G0174-23	PCI-B-23_0.0-0.17	07/06/25
25G0174-24	PCI-B-23_0.17-1.0	07/06/25
BG50301-BLK1	Blank	07/06/25
BG50301-BS1	LCS	07/06/25
BG50301-BS2	LCS	07/06/25
BG50301-DUP1	Duplicate	07/06/25

Batch ID: BG50308 **Preparation Method:** EPA 3550C **Prepared By:** AJF

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-10	PCI-B-09_8.0-9.5	07/06/25
25G0174-18	PCI-B-24_8.0-10.0	07/06/25
25G0174-22	PCI-B-15_10.0-12.0	07/06/25
25G0174-26	PCI-B-23_8.0-10.0	07/06/25
25G0174-42	PCI-B-18_4.0-6.0	07/06/25
25G0174-50	PCI-B-06_8.0-10.0	07/06/25
BG50308-BLK2	Blank	07/06/25
BG50308-BS2	LCS	07/06/25

Batch ID: BG50309 **Preparation Method:** EPA 3550C **Prepared By:** AJF

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-10	PCI-B-09_8.0-9.5	07/06/25
25G0174-18	PCI-B-24_8.0-10.0	07/06/25
25G0174-22	PCI-B-15_10.0-12.0	07/06/25
25G0174-26	PCI-B-23_8.0-10.0	07/06/25
25G0174-42	PCI-B-18_4.0-6.0	07/06/25
25G0174-50	PCI-B-06_8.0-10.0	07/06/25
BG50309-BLK1	Blank	07/06/25
BG50309-BS1	LCS	07/06/25

Batch ID: BG50321 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-43	PCI-B-13_0.0-0.17	07/06/25
25G0174-44	PCI-B-13_0.17-1.0	07/06/25
BG50321-BLK1	Blank	07/06/25
BG50321-BS1	LCS	07/06/25
BG50321-BS2	LCS	07/06/25

Batch ID: BG50345 **Preparation Method:** EPA 7473 soil **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-06	PCI-B-16_8.0-9.5	07/07/25
25G0174-10	PCI-B-09_8.0-9.5	07/07/25
25G0174-18	PCI-B-24_8.0-10.0	07/07/25
25G0174-22	PCI-B-15_10.0-12.0	07/07/25
25G0174-26	PCI-B-23_8.0-10.0	07/07/25
25G0174-42	PCI-B-18_4.0-6.0	07/07/25
25G0174-50	PCI-B-06_8.0-10.0	07/07/25
BG50345-BLK1	Blank	07/07/25
BG50345-SRM1	Reference	07/07/25

Batch ID: BG50351 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-06	PCI-B-16_8.0-9.5	07/07/25
25G0174-06	PCI-B-16_8.0-9.5	07/07/25
25G0174-50	PCI-B-06_8.0-10.0	07/07/25
25G0174-50	PCI-B-06_8.0-10.0	07/07/25
BG50351-BLK1	Blank	07/07/25
BG50351-BLK1	Blank	07/07/25
BG50351-BS1	LCS	07/07/25

Batch ID: BG50353 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-06	PCI-B-16_8.0-9.5	07/07/25
BG50353-BLK1	Blank	07/07/25
BG50353-BS2	LCS	07/07/25

Batch ID: BG50354 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-06	PCI-B-16_8.0-9.5	07/07/25
BG50354-BLK1	Blank	07/07/25
BG50354-BS1	LCS	07/07/25

Batch ID: BG50359 **Preparation Method:** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-06	PCI-B-16_8.0-9.5	07/07/25

Batch ID: BG50403 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-06	PCI-B-16_8.0-9.5	07/07/25
25G0174-10	PCI-B-09_8.0-9.5	07/07/25
25G0174-18	PCI-B-24_8.0-10.0	07/07/25
25G0174-22	PCI-B-15_10.0-12.0	07/07/25

25G0174-26	PCI-B-23_8.0-10.0	07/07/25
25G0174-42	PCI-B-18_4.0-6.0	07/07/25
25G0174-50	PCI-B-06_8.0-10.0	07/07/25
BG50403-BLK1	Blank	07/07/25
BG50403-SRM1	Reference	07/07/25

Batch ID: BG50450 **Preparation Method:** Analysis Preparation **Prepared By:** LJM

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-06	PCI-B-16_8.0-9.5	07/08/25
25G0174-10	PCI-B-09_8.0-9.5	07/08/25
25G0174-18	PCI-B-24_8.0-10.0	07/08/25
BG50450-BLK1	Blank	07/08/25
BG50450-SRM1	Reference	07/08/25

Batch ID: BG50472 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-03	PCI-B-16_0.0-0.17	07/08/25
25G0174-04	PCI-B-16_0.17-1.0	07/08/25
25G0174-05	PCI-B-16_1.0-2.0	07/08/25
25G0174-07	PCI-B-09_0.0-0.17	07/08/25
25G0174-08	PCI-B-09_0.17-1.0	07/08/25
25G0174-09	PCI-B-09_1.0-2.0	07/08/25
25G0174-11	PCI-B-10_0.0-0.17	07/08/25
25G0174-12	PCI-B-10_0.17-1.0	07/08/25
25G0174-13	PCI-B-10_1.0-2.0	07/08/25
25G0174-15	PCI-B-24_0.0-0.17	07/08/25
25G0174-16	PCI-B-24_0.17-1.0	07/08/25
25G0174-17	PCI-B-24_1.0-2.0	07/08/25
25G0174-19	PCI-B-15_0.0-0.17	07/08/25
25G0174-20	PCI-B-15_0.17-1.0	07/08/25
25G0174-21	PCI-B-15_1.0-2.0	07/08/25
25G0174-23	PCI-B-23_0.0-0.17	07/08/25
25G0174-24	PCI-B-23_0.17-1.0	07/08/25
25G0174-25	PCI-B-23_1.0-2.0	07/08/25
25G0174-27	PCI-B-17_0.0-0.17	07/08/25
BG50472-DUP1	Duplicate	07/08/25

Batch ID: BG50473 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-28	PCI-B-17_0.17-1.0	07/08/25
25G0174-29	PCI-B-17_1.0-2.0	07/08/25
25G0174-31	PCI-B-21_0.0-0.17	07/08/25
25G0174-32	PCI-B-21_0.17-1.0	07/08/25
25G0174-33	PCI-B-21_1.0-2.0	07/08/25
25G0174-35	PCI-B-04_0.0-0.17	07/08/25
25G0174-36	PCI-B-04_0.17-1.0	07/08/25
25G0174-37	PCI-B-04_1.0-2.0	07/08/25

25G0174-39	PCI-B-18_0.0-0.17	07/08/25
25G0174-40	PCI-B-18_0.17-1.0	07/08/25
25G0174-41	PCI-B-18_1.0-2.0	07/08/25
25G0174-43	PCI-B-13_0.0-0.17	07/08/25
25G0174-44	PCI-B-13_0.17-1.0	07/08/25
25G0174-45	PCI-B-13_1.0-2.0	07/08/25
25G0174-47	PCI-B-06_0.0-0.17	07/08/25
25G0174-48	PCI-B-06_0.17-1.0	07/08/25
25G0174-49	PCI-B-06_1.0-2.0	07/08/25
BG50473-DUP1	Duplicate	07/08/25

Batch ID: BG50474 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-51	PCI-FD01-250701	07/08/25
25G0174-52	PCI-FD02-250701	07/08/25
BG50474-DUP1	Duplicate	07/08/25

Batch ID: BG50482 **Preparation Method:** EPA 5035A **Prepared By:** SKF

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-06	PCI-B-16_8.0-9.5	07/08/25
25G0174-50	PCI-B-06_8.0-10.0	07/08/25
BG50482-BLK1	Blank	07/08/25
BG50482-BS1	LCS	07/08/25
BG50482-BSD1	LCS Dup	07/08/25

Batch ID: BG50582 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-45	PCI-B-13_1.0-2.0	07/09/25
25G0174-46	PCI-B-13_7.0-9.0	07/09/25
25G0174-47	PCI-B-06_0.0-0.17	07/09/25
25G0174-48	PCI-B-06_0.17-1.0	07/09/25
25G0174-49	PCI-B-06_1.0-2.0	07/09/25
25G0174-50	PCI-B-06_8.0-10.0	07/09/25
25G0174-51	PCI-FD01-250701	07/09/25
25G0174-52	PCI-FD02-250701	07/09/25
BG50582-BLK1	Blank	07/09/25
BG50582-BS1	LCS	07/09/25
BG50582-BS2	LCS	07/09/25
BG50582-MS1	Matrix Spike	07/09/25
BG50582-MSD1	Matrix Spike Dup	07/09/25

Batch ID: BG50601 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-22	PCI-B-15_10.0-12.0	07/09/25
25G0174-26	PCI-B-23_8.0-10.0	07/09/25

25G0174-42	PCI-B-18_4.0-6.0	07/09/25
25G0174-50	PCI-B-06_8.0-10.0	07/09/25
BG50601-BLK1	Blank	07/09/25
BG50601-DUP1	Duplicate	07/09/25
BG50601-MS1	Matrix Spike	07/09/25
BG50601-MSD1	Matrix Spike Dup	07/09/25
BG50601-SRM1	Reference	07/09/25

Batch ID: BG50794 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25G0174-01	PCI-EB01-250701	07/11/25
25G0174-02	PCI-EB02-250701	07/11/25
BG50794-BLK1	Blank	07/11/25
BG50794-BS1	LCS	07/11/25
BG50794-BS2	LCS	07/11/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50151 - EPA 5035A											
Blank (BG50151-BLK1)											
Prepared: 07/02/2025 Analyzed: 07/03/2025											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50151 - EPA 5035A											
Blank (BG50151-BLK1)											
Prepared: 07/02/2025 Analyzed: 07/03/2025											
Ethyl Benzene	ND	0.0050	mg/kg wet								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.025	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*45.7*		*ug/L*	*50.0*		*91.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*56.5*		*"*	*50.0*		*113*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*57.2*		*"*	*50.0*		*114*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50151 - EPA 5035A											
LCS (BG50151-BS1)								Prepared: 07/02/2025 Analyzed: 07/03/2025			
1,1,1,2-Tetrachloroethane	45.5		ug/L	50.0		91.0	75-129				
1,1,1-Trichloroethane	42.0		"	50.0		83.9	71-137				
1,1,2,2-Tetrachloroethane	51.8		"	50.0		104	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.9		"	50.0		89.8	58-146				
1,1,2-Trichloroethane	43.8		"	50.0		87.6	83-123				
1,1-Dichloroethane	40.7		"	50.0		81.5	75-130				
1,1-Dichloroethylene	44.0		"	50.0		88.1	64-137				
1,1-Dichloropropylene	40.4		"	50.0		80.9	77-127				
1,2,3-Trichlorobenzene	45.8		"	50.0		91.6	81-140				
1,2,3-Trichloropropane	49.3		"	50.0		98.6	81-126				
1,2,4-Trichlorobenzene	52.1		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	52.7		"	50.0		105	84-125				
1,2-Dibromo-3-chloropropane	38.4		"	50.0		76.8	74-142				
1,2-Dibromoethane	46.8		"	50.0		93.6	86-123				
1,2-Dichlorobenzene	48.7		"	50.0		97.4	85-122				
1,2-Dichloroethane	39.6		"	50.0		79.2	71-133				
1,2-Dichloropropane	41.9		"	50.0		83.8	81-122				
1,3,5-Trimethylbenzene	50.9		"	50.0		102	82-126				
1,3-Dichlorobenzene	51.2		"	50.0		102	84-124				
1,3-Dichloropropane	43.4		"	50.0		86.7	83-123				
1,4-Dichlorobenzene	51.2		"	50.0		102	84-124				
2,2-Dichloropropane	37.1		"	50.0		74.2	67-136				
2-Butanone	37.0		"	50.0		74.0	58-147				
2-Chlorotoluene	51.7		"	50.0		103	78-127				
2-Hexanone	42.2		"	50.0		84.4	70-139				
4-Chlorotoluene	51.7		"	50.0		103	79-125				
4-Methyl-2-pentanone	37.5		"	50.0		75.0	72-132				
Acetone	35.5		"	50.0		71.0	36-155				
Acrolein	44.0		"	50.0		88.1	10-238				
Acrylonitrile	39.8		"	50.0		79.7	66-141				
Benzene	41.3		"	50.0		82.6	77-127				
Bromobenzene	50.7		"	50.0		101	77-129				
Bromochloromethane	40.4		"	50.0		80.8	74-129				
Bromodichloromethane	41.8		"	50.0		83.5	81-124				
Bromoform	46.0		"	50.0		92.0	80-136				
Bromomethane	42.7		"	50.0		85.3	32-177				
Carbon disulfide	46.9		"	50.0		93.9	10-136				
Carbon tetrachloride	46.9		"	50.0		93.8	66-143				
Chlorobenzene	45.7		"	50.0		91.5	86-120				
Chloroethane	39.8		"	50.0		79.5	51-142				
Chloroform	39.8		"	50.0		79.6	76-131				
Chloromethane	33.3		"	50.0		66.6	49-132				
cis-1,2-Dichloroethylene	42.8		"	50.0		85.7	74-132				
cis-1,3-Dichloropropylene	42.5		"	50.0		85.0	81-129				
Cyclohexane	40.8		"	50.0		81.7	70-130				
Dibromochloromethane	46.6		"	50.0		93.3	10-200				
Dibromomethane	42.6		"	50.0		85.2	83-124				
Dichlorodifluoromethane	23.7		"	50.0		47.4	28-158				
Ethyl Benzene	44.9		"	50.0		89.8	84-125				
Hexachlorobutadiene	51.1		"	50.0		102	83-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50151 - EPA 5035A											
LCS (BG50151-BS1)								Prepared: 07/02/2025 Analyzed: 07/03/2025			
Isopropylbenzene	52.7		ug/L	50.0		105	81-127				
Methyl acetate	45.3		"	50.0		90.6	41-143				
Methyl tert-butyl ether (MTBE)	39.8		"	50.0		79.6	74-131				
Methylcyclohexane	49.3		"	50.0		98.6	70-130				
Methylene chloride	39.1		"	50.0		78.2	57-141				
n-Butylbenzene	48.9		"	50.0		97.8	80-130				
n-Propylbenzene	48.9		"	50.0		97.8	74-136				
o-Xylene	47.6		"	50.0		95.3	83-123				
p- & m- Xylenes	88.0		"	100		88.0	82-128				
p-Isopropyltoluene	50.6		"	50.0		101	85-125				
sec-Butylbenzene	49.3		"	50.0		98.6	83-125				
Styrene	45.6		"	50.0		91.3	86-126				
tert-Butyl alcohol (TBA)	197		"	250		78.8	70-130				
tert-Butylbenzene	41.8		"	50.0		83.6	80-127				
Tetrachloroethylene	44.0		"	50.0		87.9	80-129				
Toluene	44.8		"	50.0		89.6	85-121				
trans-1,2-Dichloroethylene	42.9		"	50.0		85.9	72-132				
trans-1,3-Dichloropropylene	40.7		"	50.0		81.3	78-132				
Trichloroethylene	48.2		"	50.0		96.3	84-123				
Trichlorofluoromethane	44.9		"	50.0		89.8	62-140				
Vinyl acetate	46.5		"	50.0		93.0	67-136				
Vinyl Chloride	37.5		"	50.0		75.0	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.8*		*"*	*50.0*		*95.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.2*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.9*		*"*	*50.0*		*108*	*76-130*				
LCS Dup (BG50151-BSD1)								Prepared: 07/02/2025 Analyzed: 07/03/2025			
1,1,1,2-Tetrachloroethane	48.0		ug/L	50.0		96.1	75-129		5.41	30	
1,1,1-Trichloroethane	43.8		"	50.0		87.5	71-137		4.20	30	
1,1,2,2-Tetrachloroethane	52.5		"	50.0		105	79-129		1.30	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.6		"	50.0		93.2	58-146		3.74	30	
1,1,2-Trichloroethane	45.2		"	50.0		90.4	83-123		3.21	30	
1,1-Dichloroethane	42.4		"	50.0		84.8	75-130		3.99	30	
1,1-Dichloroethylene	45.4		"	50.0		90.8	64-137		3.09	30	
1,1-Dichloropropylene	42.7		"	50.0		85.3	77-127		5.39	30	
1,2,3-Trichlorobenzene	48.8		"	50.0		97.5	81-140		6.28	30	
1,2,3-Trichloropropane	50.3		"	50.0		101	81-126		2.11	30	
1,2,4-Trichlorobenzene	54.7		"	50.0		109	80-141		5.00	30	
1,2,4-Trimethylbenzene	55.2		"	50.0		110	84-125		4.73	30	
1,2-Dibromo-3-chloropropane	39.8		"	50.0		79.5	74-142		3.48	30	
1,2-Dibromoethane	48.4		"	50.0		96.9	86-123		3.47	30	
1,2-Dichlorobenzene	50.9		"	50.0		102	85-122		4.36	30	
1,2-Dichloroethane	40.8		"	50.0		81.5	71-133		2.89	30	
1,2-Dichloropropane	44.0		"	50.0		88.0	81-122		4.98	30	
1,3,5-Trimethylbenzene	53.1		"	50.0		106	82-126		4.25	30	
1,3-Dichlorobenzene	53.2		"	50.0		106	84-124		3.83	30	
1,3-Dichloropropane	45.1		"	50.0		90.3	83-123		4.05	30	
1,4-Dichlorobenzene	53.4		"	50.0		107	84-124		4.17	30	
2,2-Dichloropropane	49.9		"	50.0		99.7	67-136		29.4	30	
2-Butanone	39.2		"	50.0		78.5	58-147		5.93	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50151 - EPA 5035A											
LCS Dup (BG50151-BSD1)									Prepared: 07/02/2025 Analyzed: 07/03/2025		
2-Chlorotoluene	54.0		ug/L	50.0		108	78-127		4.37	30	
2-Hexanone	42.8		"	50.0		85.6	70-139		1.48	30	
4-Chlorotoluene	53.7		"	50.0		107	79-125		3.74	30	
4-Methyl-2-pentanone	37.3		"	50.0		74.6	72-132		0.561	30	
Acetone	36.2		"	50.0		72.4	36-155		1.92	30	
Acrolein	43.7		"	50.0		87.5	10-238		0.684	30	
Acrylonitrile	40.2		"	50.0		80.4	66-141		0.875	30	
Benzene	43.2		"	50.0		86.4	77-127		4.43	30	
Bromobenzene	52.4		"	50.0		105	77-129		3.36	30	
Bromochloromethane	42.4		"	50.0		84.8	74-129		4.76	30	
Bromodichloromethane	43.8		"	50.0		87.6	81-124		4.77	30	
Bromoform	48.6		"	50.0		97.2	80-136		5.52	30	
Bromomethane	47.6		"	50.0		95.2	32-177		11.0	30	
Carbon disulfide	48.8		"	50.0		97.5	10-136		3.82	30	
Carbon tetrachloride	48.3		"	50.0		96.6	66-143		2.94	30	
Chlorobenzene	47.8		"	50.0		95.5	86-120		4.34	30	
Chloroethane	41.9		"	50.0		83.9	51-142		5.36	30	
Chloroform	41.9		"	50.0		83.8	76-131		5.19	30	
Chloromethane	36.0		"	50.0		71.9	49-132		7.77	30	
cis-1,2-Dichloroethylene	44.4		"	50.0		88.9	74-132		3.69	30	
cis-1,3-Dichloropropylene	44.1		"	50.0		88.2	81-129		3.76	30	
Cyclohexane	43.0		"	50.0		85.9	70-130		5.04	30	
Dibromochloromethane	48.3		"	50.0		96.6	10-200		3.46	30	
Dibromomethane	43.6		"	50.0		87.3	83-124		2.34	30	
Dichlorodifluoromethane	25.0		"	50.0		50.0	28-158		5.46	30	
Ethyl Benzene	47.4		"	50.0		94.7	84-125		5.29	30	
Hexachlorobutadiene	54.1		"	50.0		108	83-133		5.65	30	
Isopropylbenzene	54.8		"	50.0		110	81-127		3.93	30	
Methyl acetate	48.0		"	50.0		96.0	41-143		5.79	30	
Methyl tert-butyl ether (MTBE)	41.1		"	50.0		82.2	74-131		3.26	30	
Methylcyclohexane	51.1		"	50.0		102	70-130		3.60	30	
Methylene chloride	40.4		"	50.0		80.8	57-141		3.24	30	
n-Butylbenzene	51.4		"	50.0		103	80-130		4.96	30	
n-Propylbenzene	51.0		"	50.0		102	74-136		4.20	30	
o-Xylene	50.3		"	50.0		101	83-123		5.37	30	
p- & m- Xylenes	92.4		"	100		92.4	82-128		4.93	30	
p-Isopropyltoluene	53.2		"	50.0		106	85-125		5.01	30	
sec-Butylbenzene	51.8		"	50.0		104	83-125		4.89	30	
Styrene	47.9		"	50.0		95.8	86-126		4.81	30	
tert-Butyl alcohol (TBA)	198		"	250		79.4	70-130		0.698	30	
tert-Butylbenzene	44.0		"	50.0		88.1	80-127		5.24	30	
Tetrachloroethylene	45.6		"	50.0		91.2	80-129		3.66	30	
Toluene	46.6		"	50.0		93.1	85-121		3.85	30	
trans-1,2-Dichloroethylene	44.2		"	50.0		88.5	72-132		3.01	30	
trans-1,3-Dichloropropylene	41.9		"	50.0		83.8	78-132		2.98	30	
Trichloroethylene	50.4		"	50.0		101	84-123		4.52	30	
Trichlorofluoromethane	46.6		"	50.0		93.2	62-140		3.74	30	
Vinyl acetate	46.6		"	50.0		93.2	67-136		0.150	30	
Vinyl Chloride	39.8		"	50.0		79.5	52-130		5.88	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.1*		*"*	*50.0*		*94.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.0*		*"*	*50.0*		*104*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50151 - EPA 5035A											
LCS Dup (BG50151-BSD1)									Prepared: 07/02/2025 Analyzed: 07/03/2025		
Surrogate: SURR: p-Bromofluorobenzene	*53.2*		*ug/L*	*50.0*		*106*	*76-130*				
Batch BG50482 - EPA 5035A											
Blank (BG50482-BLK1)									Prepared & Analyzed: 07/08/2025		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50482 - EPA 5035A											
Blank (BG50482-BLK1)											
Prepared & Analyzed: 07/08/2025											
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.025	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.8*		*"*	*50.0*		*108*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50482 - EPA 5035A											
LCS (BG50482-BS1)							Prepared & Analyzed: 07/08/2025				
1,1,1,2-Tetrachloroethane	48.4		ug/L	50.0		96.9	75-129				
1,1,1-Trichloroethane	52.6		"	50.0		105	71-137				
1,1,2,2-Tetrachloroethane	45.4		"	50.0		90.7	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.5		"	50.0		95.0	58-146				
1,1,2-Trichloroethane	45.5		"	50.0		91.0	83-123				
1,1-Dichloroethane	52.9		"	50.0		106	75-130				
1,1-Dichloroethylene	45.0		"	50.0		90.0	64-137				
1,1-Dichloropropylene	47.4		"	50.0		94.8	77-127				
1,2,3-Trichlorobenzene	46.6		"	50.0		93.1	81-140				
1,2,3-Trichloropropane	46.6		"	50.0		93.1	81-126				
1,2,4-Trichlorobenzene	49.7		"	50.0		99.4	80-141				
1,2,4-Trimethylbenzene	45.9		"	50.0		91.8	84-125				
1,2-Dibromo-3-chloropropane	40.7		"	50.0		81.3	74-142				
1,2-Dibromoethane	48.0		"	50.0		95.9	86-123				
1,2-Dichlorobenzene	46.9		"	50.0		93.7	85-122				
1,2-Dichloroethane	48.6		"	50.0		97.1	71-133				
1,2-Dichloropropane	44.7		"	50.0		89.4	81-122				
1,3,5-Trimethylbenzene	47.1		"	50.0		94.1	82-126				
1,3-Dichlorobenzene	49.3		"	50.0		98.6	84-124				
1,3-Dichloropropane	45.2		"	50.0		90.3	83-123				
1,4-Dichlorobenzene	45.8		"	50.0		91.7	84-124				
2,2-Dichloropropane	50.0		"	50.0		99.9	67-136				
2-Butanone	55.7		"	50.0		111	58-147				
2-Chlorotoluene	45.8		"	50.0		91.6	78-127				
2-Hexanone	48.0		"	50.0		95.9	70-139				
4-Chlorotoluene	46.3		"	50.0		92.5	79-125				
4-Methyl-2-pentanone	46.2		"	50.0		92.5	72-132				
Acetone	52.6		"	50.0		105	36-155				
Acrolein	50.7		"	50.0		101	10-238				
Acrylonitrile	47.6		"	50.0		95.1	66-141				
Benzene	48.0		"	50.0		96.1	77-127				
Bromobenzene	44.2		"	50.0		88.4	77-129				
Bromochloromethane	49.2		"	50.0		98.5	74-129				
Bromodichloromethane	45.9		"	50.0		91.8	81-124				
Bromoform	48.1		"	50.0		96.2	80-136				
Bromomethane	34.7		"	50.0		69.4	32-177				
Carbon disulfide	43.1		"	50.0		86.3	10-136				
Carbon tetrachloride	51.8		"	50.0		104	66-143				
Chlorobenzene	46.9		"	50.0		93.7	86-120				
Chloroethane	41.5		"	50.0		83.0	51-142				
Chloroform	49.0		"	50.0		98.1	76-131				
Chloromethane	35.4		"	50.0		70.7	49-132				
cis-1,2-Dichloroethylene	49.8		"	50.0		99.7	74-132				
cis-1,3-Dichloropropylene	44.8		"	50.0		89.7	81-129				
Cyclohexane	52.4		"	50.0		105	70-130				
Dibromochloromethane	50.7		"	50.0		101	10-200				
Dibromomethane	44.2		"	50.0		88.4	83-124				
Dichlorodifluoromethane	52.1		"	50.0		104	28-158				
Ethyl Benzene	49.5		"	50.0		99.1	84-125				
Hexachlorobutadiene	51.2		"	50.0		102	83-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50482 - EPA 5035A											
LCS (BG50482-BS1)								Prepared & Analyzed: 07/08/2025			
Isopropylbenzene	48.7		ug/L	50.0		97.4	81-127				
Methyl acetate	35.8		"	50.0		71.6	41-143				
Methyl tert-butyl ether (MTBE)	45.4		"	50.0		90.8	74-131				
Methylcyclohexane	48.2		"	50.0		96.4	70-130				
Methylene chloride	46.5		"	50.0		93.0	57-141				
n-Butylbenzene	46.2		"	50.0		92.3	80-130				
n-Propylbenzene	46.5		"	50.0		93.0	74-136				
o-Xylene	50.4		"	50.0		101	83-123				
p- & m- Xylenes	92.0		"	100		92.0	82-128				
p-Isopropyltoluene	47.5		"	50.0		95.0	85-125				
sec-Butylbenzene	47.3		"	50.0		94.7	83-125				
Styrene	49.0		"	50.0		98.0	86-126				
tert-Butyl alcohol (TBA)	218		"	250		87.3	70-130				
tert-Butylbenzene	47.8		"	50.0		95.5	80-127				
Tetrachloroethylene	50.2		"	50.0		100	80-129				
Toluene	45.2		"	50.0		90.3	85-121				
trans-1,2-Dichloroethylene	47.7		"	50.0		95.4	72-132				
trans-1,3-Dichloropropylene	43.5		"	50.0		87.0	78-132				
Trichloroethylene	45.1		"	50.0		90.2	84-123				
Trichlorofluoromethane	44.4		"	50.0		88.9	62-140				
Vinyl acetate	48.3		"	50.0		96.6	67-136				
Vinyl Chloride	36.4		"	50.0		72.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.0*		*"*	*50.0*		*94.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BG50482-BSD1)								Prepared & Analyzed: 07/08/2025			
1,1,1,2-Tetrachloroethane	47.5		ug/L	50.0		94.9	75-129		2.06	30	
1,1,1-Trichloroethane	52.9		"	50.0		106	71-137		0.512	30	
1,1,2,2-Tetrachloroethane	43.0		"	50.0		86.0	79-129		5.34	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.0		"	50.0		98.0	58-146		3.11	30	
1,1,2-Trichloroethane	44.6		"	50.0		89.1	83-123		2.11	30	
1,1-Dichloroethane	47.0		"	50.0		94.1	75-130		11.8	30	
1,1-Dichloroethylene	47.5		"	50.0		95.0	64-137		5.49	30	
1,1-Dichloropropylene	46.8		"	50.0		93.6	77-127		1.29	30	
1,2,3-Trichlorobenzene	45.1		"	50.0		90.2	81-140		3.12	30	
1,2,3-Trichloropropane	44.1		"	50.0		88.2	81-126		5.47	30	
1,2,4-Trichlorobenzene	49.3		"	50.0		98.6	80-141		0.869	30	
1,2,4-Trimethylbenzene	45.0		"	50.0		89.9	84-125		2.09	30	
1,2-Dibromo-3-chloropropane	38.8		"	50.0		77.6	74-142		4.71	30	
1,2-Dibromoethane	46.5		"	50.0		92.9	86-123		3.18	30	
1,2-Dichlorobenzene	45.9		"	50.0		91.8	85-122		2.11	30	
1,2-Dichloroethane	47.4		"	50.0		94.7	71-133		2.54	30	
1,2-Dichloropropane	44.2		"	50.0		88.5	81-122		0.967	30	
1,3,5-Trimethylbenzene	46.4		"	50.0		92.8	82-126		1.39	30	
1,3-Dichlorobenzene	48.4		"	50.0		96.9	84-124		1.78	30	
1,3-Dichloropropane	43.8		"	50.0		87.6	83-123		3.06	30	
1,4-Dichlorobenzene	45.2		"	50.0		90.3	84-124		1.47	30	
2,2-Dichloropropane	46.7		"	50.0		93.4	67-136		6.72	30	
2-Butanone	51.4		"	50.0		103	58-147		8.07	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50482 - EPA 5035A											
LCS Dup (BG50482-BSD1)								Prepared & Analyzed: 07/08/2025			
2-Chlorotoluene	45.1		ug/L	50.0		90.3	78-127		1.43	30	
2-Hexanone	45.0		"	50.0		90.1	70-139		6.30	30	
4-Chlorotoluene	45.6		"	50.0		91.2	79-125		1.41	30	
4-Methyl-2-pentanone	43.7		"	50.0		87.3	72-132		5.76	30	
Acetone	52.9		"	50.0		106	36-155		0.569	30	
Acrolein	51.3		"	50.0		103	10-238		1.14	30	
Acrylonitrile	42.9		"	50.0		85.9	66-141		10.2	30	
Benzene	48.1		"	50.0		96.2	77-127		0.104	30	
Bromobenzene	43.2		"	50.0		86.5	77-129		2.24	30	
Bromochloromethane	48.3		"	50.0		96.6	74-129		1.91	30	
Bromodichloromethane	45.4		"	50.0		90.9	81-124		1.01	30	
Bromoform	46.7		"	50.0		93.4	80-136		2.93	30	
Bromomethane	33.1		"	50.0		66.1	32-177		4.81	30	
Carbon disulfide	45.0		"	50.0		90.1	10-136		4.29	30	
Carbon tetrachloride	52.6		"	50.0		105	66-143		1.55	30	
Chlorobenzene	46.2		"	50.0		92.3	86-120		1.53	30	
Chloroethane	40.5		"	50.0		81.0	51-142		2.46	30	
Chloroform	48.8		"	50.0		97.6	76-131		0.532	30	
Chloromethane	33.4		"	50.0		66.7	49-132		5.82	30	
cis-1,2-Dichloroethylene	47.6		"	50.0		95.3	74-132		4.49	30	
cis-1,3-Dichloropropylene	44.6		"	50.0		89.2	81-129		0.537	30	
Cyclohexane	53.4		"	50.0		107	70-130		1.93	30	
Dibromochloromethane	49.5		"	50.0		99.0	10-200		2.45	30	
Dibromomethane	44.2		"	50.0		88.4	83-124		0.0905	30	
Dichlorodifluoromethane	44.6		"	50.0		89.2	28-158		15.5	30	
Ethyl Benzene	48.7		"	50.0		97.4	84-125		1.69	30	
Hexachlorobutadiene	50.7		"	50.0		101	83-133		0.942	30	
Isopropylbenzene	48.1		"	50.0		96.2	81-127		1.18	30	
Methyl acetate	34.6		"	50.0		69.1	41-143		3.44	30	
Methyl tert-butyl ether (MTBE)	43.0		"	50.0		86.0	74-131		5.48	30	
Methylcyclohexane	48.7		"	50.0		97.4	70-130		1.01	30	
Methylene chloride	46.8		"	50.0		93.7	57-141		0.664	30	
n-Butylbenzene	45.2		"	50.0		90.5	80-130		1.99	30	
n-Propylbenzene	45.9		"	50.0		91.8	74-136		1.36	30	
o-Xylene	49.6		"	50.0		99.3	83-123		1.62	30	
p- & m- Xylenes	90.7		"	100		90.7	82-128		1.38	30	
p-Isopropyltoluene	46.8		"	50.0		93.5	85-125		1.63	30	
sec-Butylbenzene	46.6		"	50.0		93.3	83-125		1.47	30	
Styrene	47.7		"	50.0		95.5	86-126		2.56	30	
tert-Butyl alcohol (TBA)	203		"	250		81.2	70-130		7.30	30	
tert-Butylbenzene	47.0		"	50.0		93.9	80-127		1.71	30	
Tetrachloroethylene	48.2		"	50.0		96.4	80-129		4.01	30	
Toluene	45.2		"	50.0		90.5	85-121		0.155	30	
trans-1,2-Dichloroethylene	43.9		"	50.0		87.9	72-132		8.16	30	
trans-1,3-Dichloropropylene	42.5		"	50.0		84.9	78-132		2.40	30	
Trichloroethylene	45.8		"	50.0		91.6	84-123		1.56	30	
Trichlorofluoromethane	43.0		"	50.0		86.0	62-140		3.29	30	
Vinyl acetate	37.9		"	50.0		75.9	67-136		24.0	30	
Vinyl Chloride	34.6		"	50.0		69.1	52-130		5.24	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50482 - EPA 5035A											
LCS Dup (BG50482-BSD1)								Prepared & Analyzed: 07/08/2025			
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*ug/L*	*50.0*		*101*	*76-130*				

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

Batch BG50264 - EPA 3550C

Blank (BG50264-BLK1)

Prepared: 07/03/2025 Analyzed: 07/07/2025

1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	0.155	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50264 - EPA 3550C											
Blank (BG50264-BLK1)											
Prepared: 07/03/2025 Analyzed: 07/07/2025											
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*1.76*		"	*1.67*		*106*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.45*		"	*1.67*		*87.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.667*		"	*0.833*		*80.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.805*		"	*0.833*		*96.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.29*		"	*1.67*		*137*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.893*		"	*0.833*		*107*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50264 - EPA 3550C											
LCS (BG50264-BS1)								Prepared: 07/03/2025 Analyzed: 07/07/2025			
1,1-Biphenyl	0.443	0.0417	mg/kg wet	0.833		53.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.325	0.0833	"	0.833		39.0	21-131				
1,2,4-Trichlorobenzene	0.528	0.0417	"	0.833		63.4	10-140				
1,2-Dichlorobenzene	0.511	0.0417	"	0.833		61.4	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.404	0.0417	"	0.833		48.4	17-137				
1,3-Dichlorobenzene	0.502	0.0417	"	0.833		60.3	33-110				
1,4-Dichlorobenzene	0.496	0.0417	"	0.833		59.6	32-104				
2,3,4,6-Tetrachlorophenol	0.593	0.0833	"	0.833		71.1	30-130				
2,4,5-Trichlorophenol	0.485	0.0417	"	0.833		58.2	27-118				
2,4,6-Trichlorophenol	0.521	0.0417	"	0.833		62.5	31-120				
2,4-Dichlorophenol	0.544	0.0417	"	0.833		65.3	20-127				
2,4-Dimethylphenol	0.542	0.0417	"	0.833		65.1	14-132				
2,4-Dinitrophenol	0.999	0.0833	"	0.833		120	10-171				
2,4-Dinitrotoluene	0.539	0.0417	"	0.833		64.6	34-131				
2,6-Dinitrotoluene	0.546	0.0417	"	0.833		65.5	31-128				
2-Chloronaphthalene	0.495	0.0417	"	0.833		59.4	31-117				
2-Chlorophenol	0.507	0.0417	"	0.833		60.8	33-113				
2-Methylnaphthalene	0.473	0.0417	"	0.833		56.8	12-138				
2-Methylphenol	0.485	0.0417	"	0.833		58.2	10-136				
2-Nitroaniline	0.566	0.0833	"	0.833		67.9	27-132				
2-Nitrophenol	0.529	0.0417	"	0.833		63.5	17-129				
3- & 4-Methylphenols	0.434	0.0417	"	0.833		52.1	29-103				
3,3-Dichlorobenzidine	0.459	0.0417	"	0.833		55.1	22-149				
3-Nitroaniline	0.475	0.0833	"	0.833		57.0	20-133				
4,6-Dinitro-2-methylphenol	0.728	0.0833	"	0.833		87.3	10-143				
4-Bromophenyl phenyl ether	0.493	0.0417	"	0.833		59.2	29-120				
4-Chloro-3-methylphenol	0.492	0.0417	"	0.833		59.0	24-129				
4-Chloroaniline	0.338	0.0417	"	0.833		40.6	10-132				
4-Chlorophenyl phenyl ether	0.477	0.0417	"	0.833		57.2	27-124				
4-Nitroaniline	0.474	0.0833	"	0.833		56.9	16-128				
4-Nitrophenol	0.281	0.0833	"	0.833		33.7	10-141				
Acenaphthene	0.478	0.0417	"	0.833		57.4	30-121				
Acenaphthylene	0.517	0.0417	"	0.833		62.0	30-115				
Acetophenone	0.326	0.0417	"	0.833		39.1	20-112				
Aniline	0.138	0.167	"	0.833		16.5	10-119				
Anthracene	0.512	0.0417	"	0.833		61.5	34-118				
Atrazine	0.380	0.0417	"	0.833		45.6	26-112				
Benzaldehyde	0.332	0.0417	"	0.833		39.8	21-100				
Benzo(a)anthracene	0.505	0.0417	"	0.833		60.6	32-122				
Benzo(a)pyrene	0.511	0.0417	"	0.833		61.3	29-133				
Benzo(b)fluoranthene	0.522	0.0417	"	0.833		62.6	25-133				
Benzo(g,h,i)perylene	0.511	0.0417	"	0.833		61.3	10-143				
Benzo(k)fluoranthene	0.551	0.0417	"	0.833		66.2	25-128				
Benzoic acid	1.47	0.0417	"	0.833		176	10-140	High Bias			
Benzyl alcohol	0.474	0.0417	"	0.833		56.8	30-115				
Benzyl butyl phthalate	0.524	0.0417	"	0.833		62.9	26-126				
Bis(2-chloroethoxy)methane	0.480	0.0417	"	0.833		57.6	19-132				
Bis(2-chloroethyl)ether	0.431	0.0417	"	0.833		51.7	19-125				
Bis(2-chloroisopropyl)ether	0.357	0.0417	"	0.833		42.8	20-135				
Bis(2-ethylhexyl)phthalate	0.592	0.0417	"	0.833		71.0	10-155				
Caprolactam	0.432	0.0833	"	0.833		51.9	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50264 - EPA 3550C											
LCS (BG50264-BS1)								Prepared: 07/03/2025 Analyzed: 07/07/2025			
Carbazole	0.508	0.0417	mg/kg wet	0.833		61.0	35-123				
Chrysene	0.523	0.0417	"	0.833		62.7	32-123				
Dibenzo(a,h)anthracene	0.476	0.0417	"	0.833		57.1	10-136				
Dibenzofuran	0.494	0.0417	"	0.833		59.2	29-121				
Diethyl phthalate	0.463	0.0417	"	0.833		55.6	34-116				
Dimethyl phthalate	0.492	0.0417	"	0.833		59.1	35-124				
Di-n-butyl phthalate	0.526	0.0417	"	0.833		63.1	31-116				
Di-n-octyl phthalate	0.523	0.0417	"	0.833		62.8	26-136				
Fluoranthene	0.475	0.0417	"	0.833		57.0	33-122				
Fluorene	0.493	0.0417	"	0.833		59.1	29-123				
Hexachlorobenzene	0.400	0.0417	"	0.833		48.0	21-124				
Hexachlorobutadiene	0.484	0.0417	"	0.833		58.1	10-149				
Hexachlorocyclopentadiene	0.165	0.0417	"	0.833		19.8	10-129				
Hexachloroethane	0.458	0.0417	"	0.833		55.0	28-108				
Indeno(1,2,3-cd)pyrene	0.453	0.0417	"	0.833		54.4	10-135				
Isophorone	0.435	0.0417	"	0.833		52.2	20-132				
Naphthalene	0.509	0.0417	"	0.833		61.1	23-124				
Nitrobenzene	0.379	0.0417	"	0.833		45.4	13-132				
N-Nitrosodimethylamine	0.339	0.0417	"	0.833		40.6	11-129				
N-nitroso-di-n-propylamine	0.366	0.0417	"	0.833		43.9	24-119				
N-Nitrosodiphenylamine	0.509	0.0417	"	0.833		61.1	22-152				
Pentachlorophenol	1.49	0.0417	"	0.833		178	10-139	High Bias			
Phenanthrene	0.499	0.0417	"	0.833		59.9	33-123				
Phenol	0.436	0.0417	"	0.833		52.3	23-115				
Pyrene	0.516	0.0417	"	0.833		62.0	24-130				
Pyridine	0.307	0.167	"	0.833		36.8	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.17*		"	*1.67*		*70.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.04*		"	*1.67*		*62.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.444*		"	*0.833*		*53.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.548*		"	*0.833*		*65.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.58*		"	*1.67*		*94.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.583*		"	*0.833*		*70.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50351 - EPA 3550C											
Blank (BG50351-BLK1)											Prepared & Analyzed: 07/07/2025
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50351 - EPA 3550C											
Blank (BG50351-BLK1)											Prepared & Analyzed: 07/07/2025
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.848*		"	*1.66*		*51.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.754*		"	*1.66*		*45.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.406*		"	*0.831*		*48.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.367*		"	*0.831*		*44.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.11*		"	*1.66*		*66.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.415*		"	*0.831*		*49.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50351 - EPA 3550C											
LCS (BG50351-BS1)							Prepared & Analyzed: 07/07/2025				
1,1-Biphenyl	0.386	0.0416	mg/kg wet	0.831		46.5	18-111				
1,2,4,5-Tetrachlorobenzene	0.353	0.0830	"	0.831		42.5	21-131				
1,2,4-Trichlorobenzene	0.409	0.0416	"	0.831		49.2	10-140				
1,2-Dichlorobenzene	0.377	0.0416	"	0.831		45.4	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.382	0.0416	"	0.831		46.0	17-137				
1,3-Dichlorobenzene	0.369	0.0416	"	0.831		44.4	33-110				
1,4-Dichlorobenzene	0.359	0.0416	"	0.831		43.2	32-104				
2,3,4,6-Tetrachlorophenol	0.505	0.0830	"	0.831		60.8	30-130				
2,4,5-Trichlorophenol	0.400	0.0416	"	0.831		48.2	27-118				
2,4,6-Trichlorophenol	0.464	0.0416	"	0.831		55.8	31-120				
2,4-Dichlorophenol	0.449	0.0416	"	0.831		54.1	20-127				
2,4-Dimethylphenol	0.424	0.0416	"	0.831		51.1	14-132				
2,4-Dinitrophenol	0.492	0.0830	"	0.831		59.2	10-171				
2,4-Dinitrotoluene	0.421	0.0416	"	0.831		50.6	34-131				
2,6-Dinitrotoluene	0.414	0.0416	"	0.831		49.8	31-128				
2-Chloronaphthalene	0.371	0.0416	"	0.831		44.6	31-117				
2-Chlorophenol	0.408	0.0416	"	0.831		49.1	33-113				
2-Methylnaphthalene	0.365	0.0416	"	0.831		43.9	12-138				
2-Methylphenol	0.407	0.0416	"	0.831		49.0	10-136				
2-Nitroaniline	0.414	0.0830	"	0.831		49.8	27-132				
2-Nitrophenol	0.493	0.0416	"	0.831		59.4	17-129				
3- & 4-Methylphenols	0.355	0.0416	"	0.831		42.8	29-103				
3,3-Dichlorobenzidine	0.260	0.0416	"	0.831		31.3	22-149				
3-Nitroaniline	0.325	0.0830	"	0.831		39.1	20-133				
4,6-Dinitro-2-methylphenol	0.504	0.0830	"	0.831		60.6	10-143				
4-Bromophenyl phenyl ether	0.374	0.0416	"	0.831		45.0	29-120				
4-Chloro-3-methylphenol	0.439	0.0416	"	0.831		52.8	24-129				
4-Chloroaniline	0.281	0.0416	"	0.831		33.8	10-132				
4-Chlorophenyl phenyl ether	0.370	0.0416	"	0.831		44.6	27-124				
4-Nitroaniline	0.335	0.0830	"	0.831		40.3	16-128				
4-Nitrophenol	0.408	0.0830	"	0.831		49.2	10-141				
Acenaphthene	0.365	0.0416	"	0.831		44.0	30-121				
Acenaphthylene	0.389	0.0416	"	0.831		46.9	30-115				
Acetophenone	0.355	0.0416	"	0.831		42.8	20-112				
Aniline	0.238	0.166	"	0.831		28.6	10-119				
Anthracene	0.371	0.0416	"	0.831		44.7	34-118				
Atrazine	0.380	0.0416	"	0.831		45.8	26-112				
Benzaldehyde	0.327	0.0416	"	0.831		39.4	21-100				
Benzo(a)anthracene	0.394	0.0416	"	0.831		47.5	32-122				
Benzo(a)pyrene	0.345	0.0416	"	0.831		41.5	29-133				
Benzo(b)fluoranthene	0.356	0.0416	"	0.831		42.8	25-133				
Benzo(g,h,i)perylene	0.413	0.0416	"	0.831		49.8	10-143				
Benzo(k)fluoranthene	0.353	0.0416	"	0.831		42.5	25-128				
Benzoic acid	0.528	0.0416	"	0.831		63.6	10-140				
Benzyl alcohol	0.377	0.0416	"	0.831		45.4	30-115				
Benzyl butyl phthalate	0.427	0.0416	"	0.831		51.4	26-126				
Bis(2-chloroethoxy)methane	0.397	0.0416	"	0.831		47.8	19-132				
Bis(2-chloroethyl)ether	0.366	0.0416	"	0.831		44.0	19-125				
Bis(2-chloroisopropyl)ether	0.383	0.0416	"	0.831		46.1	20-135				
Bis(2-ethylhexyl)phthalate	0.408	0.0416	"	0.831		49.1	10-155				
Caprolactam	0.491	0.0830	"	0.831		59.1	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

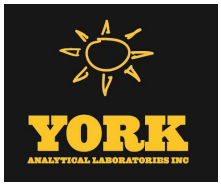
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50351 - EPA 3550C											
LCS (BG50351-BS1)								Prepared & Analyzed: 07/07/2025			
Carbazole	0.354	0.0416	mg/kg wet	0.831		42.6	35-123				
Chrysene	0.378	0.0416	"	0.831		45.5	32-123				
Dibenzo(a,h)anthracene	0.381	0.0416	"	0.831		45.9	10-136				
Dibenzofuran	0.375	0.0416	"	0.831		45.1	29-121				
Diethyl phthalate	0.376	0.0416	"	0.831		45.3	34-116				
Dimethyl phthalate	0.380	0.0416	"	0.831		45.7	35-124				
Di-n-butyl phthalate	0.380	0.0416	"	0.831		45.8	31-116				
Di-n-octyl phthalate	0.387	0.0416	"	0.831		46.6	26-136				
Fluoranthene	0.356	0.0416	"	0.831		42.8	33-122				
Fluorene	0.375	0.0416	"	0.831		45.2	29-123				
Hexachlorobenzene	0.380	0.0416	"	0.831		45.7	21-124				
Hexachlorobutadiene	0.404	0.0416	"	0.831		48.6	10-149				
Hexachlorocyclopentadiene	0.301	0.0416	"	0.831		36.3	10-129				
Hexachloroethane	0.380	0.0416	"	0.831		45.8	28-108				
Indeno(1,2,3-cd)pyrene	0.460	0.0416	"	0.831		55.4	10-135				
Isophorone	0.398	0.0416	"	0.831		47.9	20-132				
Naphthalene	0.390	0.0416	"	0.831		47.0	23-124				
Nitrobenzene	0.403	0.0416	"	0.831		48.5	13-132				
N-Nitrosodimethylamine	0.370	0.0416	"	0.831		44.6	11-129				
N-nitroso-di-n-propylamine	0.367	0.0416	"	0.831		44.2	24-119				
N-Nitrosodiphenylamine	0.436	0.0416	"	0.831		52.4	22-152				
Pentachlorophenol	0.432	0.0416	"	0.831		52.0	10-139				
Phenanthrene	0.373	0.0416	"	0.831		44.9	33-123				
Phenol	0.396	0.0416	"	0.831		47.7	23-115				
Pyrene	0.416	0.0416	"	0.831		50.1	24-130				
Pyridine	0.312	0.166	"	0.831		37.5	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.810*		*"*	*1.66*		*48.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.746*		*"*	*1.66*		*44.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.398*		*"*	*0.831*		*47.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.347*		*"*	*0.831*		*41.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.00*		*"*	*1.66*		*60.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.398*		*"*	*0.831*		*48.0*	*24-116*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50278 - EPA 3550C											
Blank (BG50278-BLK1)											Prepared: 07/03/2025 Analyzed: 07/07/2025
1,4-Dioxane	ND	20.0	ug/kg								
Surrogate: 1,4-Dioxane-d8	*550*		*"*	*500*		*110*	*39-127.5*				
LCS (BG50278-BS1)											Prepared: 07/03/2025 Analyzed: 07/07/2025
1,4-Dioxane	487	20.0	ug/kg	500		97.4	40-130				
Surrogate: 1,4-Dioxane-d8	*440*		*"*	*500*		*88.0*	*39-127.5*				



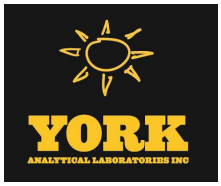
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50293 - EPA 1633 Prep											
Blank (BG50293-BLK1)											Prepared: 07/05/2025 Analyzed: 07/07/2025
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.992	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.96	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.30*		"	*2.31*		*99.5*	*25-150*				
Surrogate: M5PFHxA	*2.42*		"	*2.48*		*97.7*	*25-150*				
Surrogate: M4PFHpA	*2.68*		"	*2.48*		*108*	*25-150*				
Surrogate: M3PFHxS	*2.32*		"	*2.35*		*98.7*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50293 - EPA 1633 Prep											
Blank (BG50293-BLK1)											Prepared: 07/05/2025 Analyzed: 07/07/2025
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.58*		*ug/kg wet*	*2.48*		*104*	*25-150*				
Surrogate: M6PFDA	*1.06*		*"*	*1.24*		*85.6*	*25-150*				
Surrogate: M7PFUdA	*0.941*		*"*	*1.24*		*75.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.677*		*"*	*1.24*		*54.6*	*25-150*				
Surrogate: M2PFTeDA	*0.628*		*"*	*1.24*		*50.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.69*		*"*	*9.92*		*17.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.14*		*"*	*2.38*		*90.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.81*		*"*	*4.96*		*76.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.14*		*"*	*2.48*		*86.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.83*		*"*	*4.96*		*97.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.51*		*"*	*4.96*		*91.0*	*25-150*				
Surrogate: M2-6:2 FTS	*6.63*		*"*	*4.72*		*141*	*25-200*				
Surrogate: M2-8:2 FTS	*5.92*		*"*	*4.76*		*124*	*25-200*				
Surrogate: M9PFNA	*1.13*		*"*	*1.24*		*91.2*	*25-150*				
Surrogate: M2-4:2 FTS	*6.73*		*"*	*4.65*		*145*	*25-150*				
Surrogate: d-N-MeFOSA	*1.81*		*"*	*2.48*		*73.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.61*		*"*	*2.48*		*65.0*	*25-150*				
Surrogate: M3HFPO-DA	*9.55*		*"*	*9.92*		*96.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.8*		*"*	*24.8*		*51.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.9*		*"*	*24.8*		*52.1*	*25-150*				
LCS (BG50293-BS1)											Prepared: 07/05/2025 Analyzed: 07/07/2025
Perfluorobutanesulfonic acid (PFBS)	3.93	0.176	ug/kg wet	3.52		112	50-150				
Perfluorohexanoic acid (PFHxA)	4.51	0.199	"	3.98		113	50-150				
Perfluoroheptanoic acid (PFHpA)	4.49	0.199	"	3.98		113	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.38	0.182	"	3.64		120	50-150				
Perfluorooctanoic acid (PFOA)	4.32	0.199	"	3.98		109	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.50	0.185	"	3.70		122	50-150				
Perfluorononanoic acid (PFNA)	4.53	0.199	"	3.98		114	50-150				
Perfluorodecanoic acid (PFDA)	4.35	0.199	"	3.98		109	50-150				
Perfluoroundecanoic acid (PFUnA)	4.43	0.199	"	3.98		111	50-150				
Perfluorododecanoic acid (PFDoA)	4.26	0.199	"	3.98		107	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.12	0.199	"	3.98		104	50-150				
Perfluorotetradecanoic acid (PFTA)	3.84	0.199	"	3.98		96.6	50-150				
N-MeFOSAA	4.15	0.199	"	3.98		104	50-150				
N-EtFOSAA	4.12	0.199	"	3.98		104	50-150				
Perfluoropentanoic acid (PFPeA)	7.99	0.398	"	7.95		101	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.34	0.199	"	3.98		109	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.55	0.199	"	3.80		120	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.23	0.192	"	3.84		84.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.6	0.755	"	15.1		117	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.5	0.763	"	15.3		121	50-150				
Perfluoro-n-butanoic acid (PFBA)	17.8	0.795	"	15.9		112	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.03	0.354	"	7.08		99.3	50-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50293 - EPA 1633 Prep											
LCS (BG50293-BS1)								Prepared: 07/05/2025 Analyzed: 07/07/2025			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.92	0.398	ug/kg wet	7.95		99.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	4.68	0.398	"	7.95		58.9	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.95	0.398	"	7.95		100	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.39	0.187	"	3.74		117	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	18.0	0.746	"	14.9		121	50-150				
HFPO-DA (Gen-X)	8.04	0.795	"	7.95		101	50-150				
11CL-PF3OUdS	4.73	0.751	"	7.51		62.9	50-150				
9CL-PF3ONS	6.36	0.744	"	7.44		85.5	50-150				
ADONA	8.86	0.751	"	7.51		118	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.43	0.193	"	3.86		63.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.32	0.191	"	3.82		113	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	13.0	0.994	"	15.9		81.8	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	87.3	4.97	"	79.5		110	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	88.5	4.97	"	79.5		111	50-150				
N-MeFOSE	40.6	1.99	"	39.8		102	50-150				
N-MeFOSA	4.14	0.199	"	3.98		104	50-150				
N-EtFOSE	38.9	1.99	"	39.8		97.7	50-150				
N-EtFOSA	3.39	0.199	"	3.98		85.3	50-150				
Surrogate: M3PFBS	*2.54*		"	*2.32*		*110*	*25-150*				
Surrogate: M5PFHxA	*2.53*		"	*2.49*		*102*	*25-150*				
Surrogate: M4PFHpA	*2.74*		"	*2.49*		*110*	*25-150*				
Surrogate: M3PFHxS	*2.74*		"	*2.36*		*116*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.62*		"	*2.49*		*105*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.24*		*98.7*	*25-150*				
Surrogate: M7PFUdA	*0.999*		"	*1.24*		*80.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.767*		"	*1.24*		*61.7*	*25-150*				
Surrogate: M2PFTeDA	*0.726*		"	*1.24*		*58.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.11*		"	*9.94*		*61.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.36*		"	*2.38*		*98.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.94*		"	*4.97*		*79.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.34*		"	*2.49*		*94.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.97*		"	*4.97*		*99.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.26*		"	*4.97*		*106*	*25-150*				
Surrogate: M2-6:2 FTS	*6.95*		"	*4.73*		*147*	*25-200*				
Surrogate: M2-8:2 FTS	*5.74*		"	*4.77*		*120*	*25-200*				
Surrogate: M9PFNA	*1.20*		"	*1.24*		*96.7*	*25-150*				
Surrogate: M2-4:2 FTS	*6.08*		"	*4.66*		*130*	*25-150*				
Surrogate: d-N-MeFOSA	*1.68*		"	*2.49*		*67.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.89*		"	*2.49*		*75.9*	*25-150*				
Surrogate: M3HFPO-DA	*9.97*		"	*9.94*		*100*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.3*		"	*24.9*		*53.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.2*		"	*24.9*		*57.1*	*25-150*				



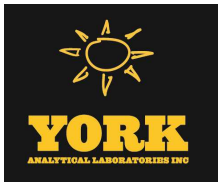
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50293 - EPA 1633 Prep											
LCS (BG50293-BS2)								Prepared: 07/05/2025 Analyzed: 07/08/2025			
Perfluorobutanesulfonic acid (PFBS)	0.399	0.176	ug/kg wet	0.352		113	50-150				
Perfluorohexanoic acid (PFHxA)	0.402	0.199	"	0.398		101	50-150				
Perfluoroheptanoic acid (PFHpA)	0.350	0.199	"	0.398		88.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.440	0.182	"	0.364		121	50-150				
Perfluorooctanoic acid (PFOA)	0.363	0.199	"	0.398		91.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.471	0.185	"	0.370		127	50-150				
Perfluorononanoic acid (PFNA)	0.417	0.199	"	0.398		105	50-150				
Perfluorodecanoic acid (PFDA)	0.410	0.199	"	0.398		103	50-150				
Perfluoroundecanoic acid (PFUnA)	0.393	0.199	"	0.398		98.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.298	0.199	"	0.398		75.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.278	0.199	"	0.398		70.0	50-150				
Perfluorotetradecanoic acid (PFTA)	0.356	0.199	"	0.398		89.6	50-150				
N-MeFOSAA	0.340	0.199	"	0.398		85.5	50-150				
N-EtFOSAA	0.292	0.199	"	0.398		73.3	50-150				
Perfluoropentanoic acid (PFPeA)	0.779	0.398	"	0.795		97.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.475	0.199	"	0.398		119	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.668	0.199	"	0.380		176	50-150	High Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	0.147	0.192	"	0.384		38.2	50-150	Low Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.42	0.755	"	1.51		93.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.71	0.763	"	1.53		112	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.67	0.795	"	1.59		105	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.624	0.354	"	0.708		88.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.683	0.398	"	0.795		85.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.717	0.398	"	0.795		90.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.803	0.398	"	0.795		101	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.436	0.187	"	0.374		117	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.53	0.746	"	1.49		102	50-150				
HFPO-DA (Gen-X)	0.863	0.795	"	0.795		109	50-150				
11CL-PF3OUdS	0.276	0.751	"	0.751		36.8	50-150	Low Bias			
9CL-PF3ONS	0.295	0.744	"	0.744		39.7	50-150	Low Bias			
ADONA	0.791	0.751	"	0.751		105	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.150	0.193	"	0.386		39.0	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.306	0.191	"	0.382		80.2	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.81	0.994	"	1.59		114	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	8.23	4.97	"	7.95		103	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	4.51	4.97	"	7.95		56.7	50-150				
N-MeFOSE	3.97	1.99	"	3.98		99.8	50-150				
N-MeFOSA	0.485	0.199	"	0.398		122	50-150				
N-EtFOSE	3.74	1.99	"	3.98		94.0	50-150				
N-EtFOSA	0.474	0.199	"	0.398		119	50-150				
Surrogate: M3PFBS	*2.55*		*"*	*2.32*		*110*	*25-150*				
Surrogate: M5PFHxA	*2.94*		*"*	*2.49*		*118*	*25-150*				
Surrogate: M4PFHpA	*3.22*		*"*	*2.49*		*130*	*25-150*				
Surrogate: M3PFHxS	*2.13*		*"*	*2.36*		*90.2*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50293 - EPA 1633 Prep											
LCS (BG50293-BS2)									Prepared: 07/05/2025 Analyzed: 07/08/2025		
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.57*		*ug/kg wet*	*2.49*		*103*	*25-150*				
Surrogate: M6PFDA	*0.509*		*"*	*1.24*		*41.0*	*25-150*				
Surrogate: M7PFUdA	*0.315*		*"*	*1.24*		*25.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.194*		*"*	*1.24*		*15.6*	*25-150*				
Surrogate: M2PFTeDA	*0.214*		*"*	*1.24*		*17.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.5*		*"*	*9.94*		*126*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.02*		*"*	*2.38*		*42.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.79*		*"*	*4.97*		*96.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.15*		*"*	*2.49*		*46.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.42*		*"*	*4.97*		*28.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.30*		*"*	*4.97*		*26.1*	*25-150*				
Surrogate: M2-6:2 FTS	*5.83*		*"*	*4.73*		*123*	*25-200*				
Surrogate: M2-8:2 FTS	*2.34*		*"*	*4.77*		*49.1*	*25-200*				
Surrogate: M9PFNA	*0.802*		*"*	*1.24*		*64.5*	*25-150*				
Surrogate: M2-4:2 FTS	*7.83*		*"*	*4.66*		*168*	*25-150*				
Surrogate: d-N-MeFOSA	*0.527*		*"*	*2.49*		*21.2*	*25-150*				
Surrogate: d-N-EtFOSA	*0.479*		*"*	*2.49*		*19.3*	*25-150*				
Surrogate: M3HFPO-DA	*11.9*		*"*	*9.94*		*120*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.06*		*"*	*24.9*		*16.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*3.84*		*"*	*24.9*		*15.4*	*25-150*				
Matrix Spike (BG50293-MS1)	*Source sample: 25G0174-29 (PCI-B-17_1.0-2.0)								Prepared: 07/05/2025 Analyzed: 07/08/2025		
Perfluorobutanesulfonic acid (PFBS)	3.98	0.188	ug/kg dry	3.75	ND	106	25-150				
Perfluorohexanoic acid (PFHxA)	4.75	0.212	"	4.24	ND	112	25-150				
Perfluoroheptanoic acid (PFHpA)	4.63	0.212	"	4.24	ND	109	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.85	0.194	"	3.88	ND	125	25-150				
Perfluorooctanoic acid (PFOA)	4.82	0.212	"	4.24	ND	114	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.58	0.197	"	3.94	ND	116	25-150				
Perfluorononanoic acid (PFNA)	4.67	0.212	"	4.24	ND	110	25-150				
Perfluorodecanoic acid (PFDA)	4.78	0.212	"	4.24	ND	113	25-150				
Perfluoroundecanoic acid (PFUnA)	4.48	0.212	"	4.24	ND	106	25-150				
Perfluorododecanoic acid (PFDoA)	4.31	0.212	"	4.24	ND	102	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.83	0.212	"	4.24	ND	114	25-150				
Perfluorotetradecanoic acid (PFTA)	4.34	0.212	"	4.24	ND	102	25-150				
N-MeFOSAA	4.21	0.212	"	4.24	ND	99.3	25-150				
N-EtFOSAA	4.64	0.212	"	4.24	ND	110	25-150				
Perfluoropentanoic acid (PFPeA)	8.65	0.424	"	8.48	ND	102	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.54	0.212	"	4.24	ND	107	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.87	0.212	"	4.05	ND	120	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.99	0.204	"	4.09	ND	97.5	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.4	0.805	"	16.1	ND	114	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.3	0.814	"	16.3	ND	113	25-150				
Perfluoro-n-butanoic acid (PFBA)	19.1	0.848	"	17.0	ND	113	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.25	0.377	"	7.54	ND	96.1	25-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50293 - EPA 1633 Prep											
Matrix Spike (BG50293-MS1)	*Source sample: 25G0174-29 (PCI-B-17_1.0-2.0)							Prepared: 07/05/2025 Analyzed: 07/08/2025			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.86	0.424	ug/kg dry	8.48	ND	116	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.21	0.424	"	8.48	ND	85.1	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.49	0.424	"	8.48	ND	100	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.74	0.199	"	3.98	ND	119	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	18.5	0.795	"	15.9	ND	116	25-150				
HFPO-DA (Gen-X)	8.72	0.848	"	8.48	ND	103	25-150				
11CL-PF3OUdS	7.57	0.801	"	8.01	ND	94.5	25-150				
9CL-PF3ONS	8.66	0.793	"	7.93	ND	109	25-150				
ADONA	10.2	0.801	"	8.01	ND	128	25-150				
Perfluorododecanesulfonic acid (PFDoS)	3.16	0.206	"	4.11	ND	76.9	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.56	0.203	"	4.07	ND	112	25-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	9.77	1.06	"	17.0	ND	57.6	25-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	61.2	5.30	"	84.8	ND	72.2	25-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	66.9	5.30	"	84.8	ND	78.9	25-150				
N-MeFOSE	46.1	2.12	"	42.4	ND	109	25-150				
N-MeFOSA	4.16	0.212	"	4.24	ND	98.1	25-150				
N-EtFOSE	40.6	2.12	"	42.4	ND	95.8	25-150				
N-EtFOSA	3.74	0.212	"	4.24	ND	88.3	25-150				
Surrogate: M3PFBS	*2.52*		*"*	*2.47*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.50*		*"*	*2.65*		*94.2*	*25-150*				
Surrogate: M4PFHpA	*2.98*		*"*	*2.65*		*112*	*25-150*				
Surrogate: M3PFHxS	*2.59*		*"*	*2.51*		*103*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.71*		*"*	*2.65*		*102*	*25-150*				
Surrogate: M6PFDA	*1.21*		*"*	*1.32*		*91.2*	*25-150*				
Surrogate: M7PFUdA	*1.18*		*"*	*1.32*		*89.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.937*		*"*	*1.32*		*70.8*	*25-150*				
Surrogate: M2PFTeDA	*0.737*		*"*	*1.32*		*55.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.2*		*"*	*10.6*		*96.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.59*		*"*	*2.54*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.94*		*"*	*5.30*		*74.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.24*		*"*	*2.65*		*84.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.63*		*"*	*5.30*		*87.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.94*		*"*	*5.30*		*93.2*	*25-150*				
Surrogate: M2-6:2 FTS	*7.19*		*"*	*5.04*		*143*	*25-200*				
Surrogate: M2-8:2 FTS	*6.22*		*"*	*5.09*		*122*	*25-200*				
Surrogate: M9PFNA	*1.26*		*"*	*1.32*		*95.3*	*25-150*				
Surrogate: M2-4:2 FTS	*6.24*		*"*	*4.97*		*126*	*25-150*				
Surrogate: d-N-MeFOSA	*2.12*		*"*	*2.65*		*79.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.93*		*"*	*2.65*		*72.7*	*25-150*				
Surrogate: M3HFPO-DA	*9.43*		*"*	*10.6*		*89.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.3*		*"*	*26.5*		*50.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.1*		*"*	*26.5*		*49.4*	*25-150*				



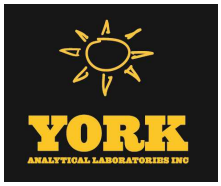
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50293 - EPA 1633 Prep											
Matrix Spike Dup (BG50293-MSD1)	*Source sample: 25G0174-29 (PCI-B-17_1.0-2.0)								Prepared: 07/05/2025 Analyzed: 07/08/2025		
Perfluorobutanesulfonic acid (PFBS)	4.24	0.189	ug/kg dry	3.77	ND	112	25-150		6.52	35	
Perfluorohexanoic acid (PFHxA)	4.79	0.213	"	4.26	ND	112	25-150		0.905	35	
Perfluoroheptanoic acid (PFHpA)	4.64	0.213	"	4.26	ND	109	25-150		0.107	35	
Perfluorohexanesulfonic acid (PFHxS)	4.61	0.195	"	3.90	ND	118	25-150		5.16	35	
Perfluorooctanoic acid (PFOA)	4.70	0.213	"	4.26	ND	110	25-150		2.60	35	
Perfluorooctanesulfonic acid (PFOS)	4.95	0.198	"	3.96	ND	125	25-150		7.75	35	
Perfluorononanoic acid (PFNA)	4.88	0.213	"	4.26	ND	114	25-150		4.46	35	
Perfluorodecanoic acid (PFDA)	4.78	0.213	"	4.26	ND	112	25-150		0.0646	35	
Perfluoroundecanoic acid (PFUnA)	4.34	0.213	"	4.26	ND	102	25-150		3.18	35	
Perfluorododecanoic acid (PFDoA)	4.43	0.213	"	4.26	ND	104	25-150		2.60	35	
Perfluorotridecanoic acid (PFTrDA)	4.75	0.213	"	4.26	ND	111	25-150		1.83	35	
Perfluorotetradecanoic acid (PFTA)	4.29	0.213	"	4.26	ND	101	25-150		1.16	35	
N-MeFOSAA	4.51	0.213	"	4.26	ND	106	25-150		6.83	35	
N-EtFOSAA	4.29	0.213	"	4.26	ND	101	25-150		7.81	35	
Perfluoropentanoic acid (PFPeA)	8.85	0.426	"	8.53	ND	104	25-150		2.31	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.51	0.213	"	4.26	ND	106	25-150		0.698	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.06	0.213	"	4.07	ND	124	25-150		3.68	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.89	0.206	"	4.11	ND	119	25-150		20.2	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.0	0.810	"	16.2	ND	111	25-150		2.10	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	19.3	0.819	"	16.4	ND	118	25-150		5.08	35	
Perfluoro-n-butanoic acid (PFBA)	19.3	0.853	"	17.1	ND	113	25-150		0.836	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.07	0.379	"	7.59	ND	106	25-150		10.7	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.91	0.426	"	8.53	ND	92.8	25-150		22.0	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	4.59	0.426	"	8.53	ND	53.8	25-150		44.5	30	Non-dir.
Perfluoro-5-oxahexanoic acid (PFMBA)	8.70	0.426	"	8.53	ND	102	25-150		2.48	30	
Perfluoro-1-pentanesulfonate (PFPeS)	4.93	0.200	"	4.01	ND	123	25-150		3.77	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	18.1	0.799	"	16.0	ND	113	25-150		2.20	30	
HFPO-DA (Gen-X)	9.39	0.853	"	8.53	ND	110	25-150		7.35	30	
11CL-PF3OUdS	7.55	0.806	"	8.06	ND	93.7	25-150		0.248	30	
9CL-PF3ONS	8.98	0.797	"	7.97	ND	113	25-150		3.60	30	
ADONA	10.2	0.806	"	8.06	ND	127	25-150		0.0549	30	
Perfluorododecanesulfonic acid (PFDoS)	3.97	0.207	"	4.14	ND	95.9	25-150		22.6	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	5.69	0.205	"	4.09	ND	139	25-150		22.1	30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	9.87	1.07	"	17.1	ND	57.9	25-150		0.982	30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	59.9	5.33	"	85.3	ND	70.2	25-150		2.13	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	66.7	5.33	"	85.3	ND	78.2	25-150		0.360	30	
N-MeFOSE	45.6	2.13	"	42.6	ND	107	25-150		1.08	30	
N-MeFOSA	4.18	0.213	"	4.26	ND	98.0	25-150		0.466	30	
N-EtFOSE	40.9	2.13	"	42.6	ND	95.9	25-150		0.705	30	
N-EtFOSA	4.13	0.213	"	4.26	ND	96.9	25-150		9.88	30	
Surrogate: M3PFBS	*2.27*		"	*2.48*		*91.3*	*25-150*				
Surrogate: M5PFHxA	*2.43*		"	*2.66*		*91.2*	*25-150*				
Surrogate: M4PFHpA	*2.92*		"	*2.66*		*110*	*25-150*				
Surrogate: M3PFHxS	*2.47*		"	*2.53*		*97.6*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50293 - EPA 1633 Prep											
Matrix Spike Dup (BG50293-MSD1)	*Source sample: 25G0174-29 (PCI-B-17_1.0-2.0)								Prepared: 07/05/2025 Analyzed: 07/08/2025		
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.71*		*ug/kg dry*	*2.66*		*102*	*25-150*				
Surrogate: M6PFDA	*1.21*		*"*	*1.33*		*90.9*	*25-150*				
Surrogate: M7PFUdA	*1.18*		*"*	*1.33*		*88.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.952*		*"*	*1.33*		*71.4*	*25-150*				
Surrogate: M2PFTeDA	*0.773*		*"*	*1.33*		*58.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.04*		*"*	*10.7*		*37.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.49*		*"*	*2.55*		*97.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.72*		*"*	*5.33*		*69.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.31*		*"*	*2.66*		*86.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.55*		*"*	*5.33*		*85.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.52*		*"*	*5.33*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*6.75*		*"*	*5.07*		*133*	*25-200*				
Surrogate: M2-8:2 FTS	*5.55*		*"*	*5.12*		*109*	*25-200*				
Surrogate: M9PFNA	*1.20*		*"*	*1.33*		*90.3*	*25-150*				
Surrogate: M2-4:2 FTS	*5.96*		*"*	*5.00*		*119*	*25-150*				
Surrogate: d-N-MeFOSA	*2.18*		*"*	*2.66*		*81.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.83*		*"*	*2.66*		*68.5*	*25-150*				
Surrogate: M3HFPO-DA	*9.26*		*"*	*10.7*		*86.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.4*		*"*	*26.6*		*54.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.9*		*"*	*26.6*		*52.3*	*25-150*				
Batch BG50301 - EPA 1633 Prep											
Blank (BG50301-BLK1)									Prepared: 07/06/2025 Analyzed: 07/08/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50301 - EPA 1633 Prep											
Blank (BG50301-BLK1)											Prepared: 07/06/2025 Analyzed: 07/08/2025
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	ug/kg wet								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.994	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.97	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.46*		"	*2.32*		*106*	*25-150*				
Surrogate: M5PFHxA	*2.76*		"	*2.49*		*111*	*25-150*				
Surrogate: M4PFHpA	*2.75*		"	*2.49*		*111*	*25-150*				
Surrogate: M3PFHxS	*2.49*		"	*2.36*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.71*		"	*2.49*		*109*	*25-150*				
Surrogate: M6PFDA	*1.17*		"	*1.24*		*93.9*	*25-150*				
Surrogate: M7PFUdA	*1.06*		"	*1.24*		*85.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.749*		"	*1.24*		*60.3*	*25-150*				
Surrogate: M2PFTeDA	*0.655*		"	*1.24*		*52.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.391*		"	*9.94*		*3.94*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.03*		"	*2.38*		*85.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.14*		"	*4.97*		*83.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.19*		"	*2.49*		*88.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.95*		"	*4.97*		*59.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.59*		"	*4.97*		*72.3*	*25-150*				
Surrogate: M2-6:2 FTS	*6.59*		"	*4.73*		*139*	*25-200*				
Surrogate: M2-8:2 FTS	*4.40*		"	*4.77*		*92.2*	*25-200*				
Surrogate: M9PFNA	*1.13*		"	*1.24*		*91.3*	*25-150*				
Surrogate: M2-4:2 FTS	*5.89*		"	*4.66*		*126*	*25-150*				
Surrogate: d-N-MeFOSA	*1.73*		"	*2.49*		*69.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.54*		"	*2.49*		*61.9*	*25-150*				
Surrogate: M3HFPO-DA	*11.3*		"	*9.94*		*113*	*25-150*				



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

York Analytical Laboratories, Inc.

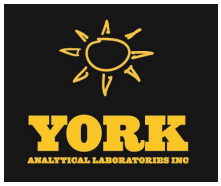
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50301 - EPA 1633 Prep											
Blank (BG50301-BLK1)								Prepared: 07/06/2025 Analyzed: 07/08/2025			
Surrogate: d9-N-EtFOSE	*11.9*		*ug/kg wet*	*24.9*		*48.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.6*		*"*	*24.9*		*50.6*	*25-150*				
LCS (BG50301-BS1)								Prepared: 07/06/2025 Analyzed: 07/08/2025			
Perfluorobutanesulfonic acid (PFBS)	3.62	0.176	ug/kg wet	3.52		103	50-150				
Perfluorohexanoic acid (PFHxA)	3.92	0.199	"	3.98		98.7	50-150				
Perfluoroheptanoic acid (PFHpA)	3.87	0.199	"	3.98		97.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.78	0.182	"	3.64		104	50-150				
Perfluorooctanoic acid (PFOA)	3.49	0.199	"	3.98		87.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.07	0.185	"	3.70		110	50-150				
Perfluorononanoic acid (PFNA)	3.73	0.199	"	3.98		93.8	50-150				
Perfluorodecanoic acid (PFDA)	4.04	0.199	"	3.98		101	50-150				
Perfluoroundecanoic acid (PFUnA)	3.62	0.199	"	3.98		91.1	50-150				
Perfluorododecanoic acid (PFDoA)	3.74	0.199	"	3.98		94.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.75	0.199	"	3.98		94.3	50-150				
Perfluorotetradecanoic acid (PFTA)	3.69	0.199	"	3.98		92.8	50-150				
N-MeFOSAA	3.87	0.199	"	3.98		97.3	50-150				
N-EtFOSAA	4.00	0.199	"	3.98		101	50-150				
Perfluoropentanoic acid (PFPeA)	7.34	0.398	"	7.95		92.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.11	0.199	"	3.98		103	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.13	0.199	"	3.80		109	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.21	0.192	"	3.84		83.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.2	0.755	"	15.1		94.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.2	0.763	"	15.3		99.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.7	0.795	"	15.9		86.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.92	0.354	"	7.08		97.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.21	0.398	"	7.95		65.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.949	0.398	"	7.95		11.9	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.15	0.398	"	7.95		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.98	0.187	"	3.74		107	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.2	0.746	"	14.9		102	50-150				
HFPO-DA (Gen-X)	7.25	0.795	"	7.95		91.2	50-150				
11CL-PF3OUdS	5.10	0.751	"	7.51		67.8	50-150				
9CL-PF3ONS	6.24	0.744	"	7.44		84.0	50-150				
ADONA	7.41	0.751	"	7.51		98.6	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.86	0.193	"	3.86		74.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.16	0.191	"	3.82		109	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	9.86	0.994	"	15.9		62.0	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	84.2	4.97	"	79.5		106	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	85.9	4.97	"	79.5		108	50-150				
N-MeFOSE	36.3	1.99	"	39.8		91.3	50-150				
N-MeFOSA	3.00	0.199	"	3.98		75.6	50-150				
N-EtFOSE	35.3	1.99	"	39.8		88.8	50-150				
N-EtFOSA	3.38	0.199	"	3.98		85.1	50-150				
Surrogate: M3PFBS	*2.48*		*"*	*2.32*		*107*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50301 - EPA 1633 Prep											
LCS (BG50301-BS1)											
Surrogate: M5PFHxA	*2.94*		*ug/kg wet*	*2.49*		*118*	*25-150*				
Surrogate: M4PFHpA	*2.96*		*"*	*2.49*		*119*	*25-150*				
Surrogate: M3PFHxS	*2.83*		*"*	*2.36*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.91*		*"*	*2.49*		*117*	*25-150*				
Surrogate: M6PFDA	*1.23*		*"*	*1.24*		*99.0*	*25-150*				
Surrogate: M7PFUdA	*1.27*		*"*	*1.24*		*102*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.920*		*"*	*1.24*		*74.1*	*25-150*				
Surrogate: M2PFTeDA	*0.806*		*"*	*1.24*		*64.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.425*		*"*	*9.94*		*4.27*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.49*		*"*	*2.38*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.20*		*"*	*4.97*		*84.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.65*		*"*	*2.49*		*107*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.82*		*"*	*4.97*		*76.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.13*		*"*	*4.97*		*83.1*	*25-150*				
Surrogate: M2-6:2 FTS	*6.33*		*"*	*4.73*		*134*	*25-200*				
Surrogate: M2-8:2 FTS	*5.40*		*"*	*4.77*		*113*	*25-200*				
Surrogate: M9PFNA	*1.29*		*"*	*1.24*		*104*	*25-150*				
Surrogate: M2-4:2 FTS	*5.31*		*"*	*4.66*		*114*	*25-150*				
Surrogate: d-N-MeFOSA	*2.38*		*"*	*2.49*		*95.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.97*		*"*	*2.49*		*79.4*	*25-150*				
Surrogate: M3HFPO-DA	*12.3*		*"*	*9.94*		*124*	*25-150*				
Surrogate: d9-N-EtFOSE	*17.2*		*"*	*24.9*		*69.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.0*		*"*	*24.9*		*72.3*	*25-150*				
LCS (BG50301-BS2)											
Perfluorobutanesulfonic acid (PFBS)	0.367	0.177	ug/kg wet	0.354		104	50-150				
Perfluorohexanoic acid (PFHxA)	0.341	0.200	"	0.400		85.3	50-150				
Perfluoroheptanoic acid (PFHpA)	0.384	0.200	"	0.400		96.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.412	0.183	"	0.366		113	50-150				
Perfluorooctanoic acid (PFOA)	0.310	0.200	"	0.400		77.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.369	0.186	"	0.372		99.1	50-150				
Perfluorononanoic acid (PFNA)	0.405	0.200	"	0.400		101	50-150				
Perfluorodecanoic acid (PFDA)	0.395	0.200	"	0.400		98.8	50-150				
Perfluoroundecanoic acid (PFUnA)	0.382	0.200	"	0.400		95.5	50-150				
Perfluorododecanoic acid (PFDoA)	0.322	0.200	"	0.400		80.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.368	0.200	"	0.400		92.0	50-150				
Perfluorotetradecanoic acid (PFTA)	0.347	0.200	"	0.400		86.6	50-150				
N-MeFOSAA	0.351	0.200	"	0.400		87.7	50-150				
N-EtFOSAA	0.335	0.200	"	0.400		83.7	50-150				
Perfluoropentanoic acid (PFPeA)	0.738	0.400	"	0.800		92.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.430	0.200	"	0.400		108	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.427	0.200	"	0.382		112	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.445	0.193	"	0.386		115	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.33	0.760	"	1.52		87.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.28	0.768	"	1.54		83.6	50-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50301 - EPA 1633 Prep											
LCS (BG50301-BS2)								Prepared: 07/06/2025 Analyzed: 07/08/2025			
Perfluoro-n-butanoic acid (PFBA)	1.51	0.800	ug/kg wet	1.60		94.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.585	0.356	"	0.712		82.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.494	0.400	"	0.800		61.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.279	0.400	"	0.800		34.9	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.753	0.400	"	0.800		94.1	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.387	0.188	"	0.376		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.43	0.750	"	1.50		95.1	50-150				
HFPO-DA (Gen-X)	0.783	0.800	"	0.800		97.9	50-150				
11CL-PF3OUdS	0.649	0.756	"	0.756		85.9	50-150				
9CL-PF3ONS	0.672	0.748	"	0.748		89.9	50-150				
ADONA	0.773	0.756	"	0.756		102	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.268	0.194	"	0.388		69.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.391	0.192	"	0.384		102	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.71	1.00	"	1.60		107	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	8.69	5.00	"	8.00		109	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	8.04	5.00	"	8.00		101	50-150				
N-MeFOSE	3.85	2.00	"	4.00		96.3	50-150				
N-MeFOSA	0.465	0.200	"	0.400		116	50-150				
N-EtFOSE	3.35	2.00	"	4.00		83.6	50-150				
N-EtFOSA	0.401	0.200	"	0.400		100	50-150				
Surrogate: M3PFBS	*2.45*		"	*2.33*		*105*	*25-150*				
Surrogate: M5PFHxA	*3.07*		"	*2.50*		*123*	*25-150*				
Surrogate: M4PFHpA	*3.14*		"	*2.50*		*126*	*25-150*				
Surrogate: M3PFHxS	*2.68*		"	*2.37*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.79*		"	*2.50*		*112*	*25-150*				
Surrogate: M6PFDA	*1.26*		"	*1.25*		*101*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.25*		*94.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.924*		"	*1.25*		*73.9*	*25-150*				
Surrogate: M2PFTeDA	*0.739*		"	*1.25*		*59.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.757*		"	*10.0*		*7.57*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.51*		"	*2.40*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.99*		"	*5.00*		*99.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.69*		"	*2.50*		*108*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.78*		"	*5.00*		*75.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.39*		"	*5.00*		*87.9*	*25-150*				
Surrogate: M2-6:2 FTS	*6.39*		"	*4.76*		*134*	*25-200*				
Surrogate: M2-8:2 FTS	*5.85*		"	*4.80*		*122*	*25-200*				
Surrogate: M9PFNA	*1.21*		"	*1.25*		*96.4*	*25-150*				
Surrogate: M2-4:2 FTS	*5.67*		"	*4.69*		*121*	*25-150*				
Surrogate: d-N-MeFOSA	*2.17*		"	*2.50*		*87.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.86*		"	*2.50*		*74.4*	*25-150*				



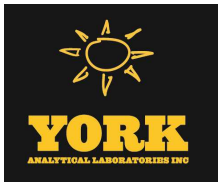
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50301 - EPA 1633 Prep											
LCS (BG50301-BS2)									Prepared: 07/06/2025 Analyzed: 07/08/2025		
Surrogate: M3HFPO-DA	*12.6*		*ug/kg wet*	*10.0*		*126*	*25-150*				
Surrogate: d9-N-EtFOSE	*16.3*		*"*	*25.0*		*65.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.4*		*"*	*25.0*		*69.4*	*25-150*				
Duplicate (BG50301-DUP1)	*Source sample: 25G0174-18 (PCI-B-24_8.0-10.0)								Prepared: 07/06/2025 Analyzed: 07/08/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.186	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.210	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.210	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.192	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.210	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.195	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.210	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.210	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.210	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.210	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.210	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.210	"		ND					30	
N-MeFOSAA	ND	0.210	"		ND					30	
N-EtFOSAA	ND	0.210	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.419	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.210	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.210	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.202	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.797	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.805	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.838	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.373	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.419	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.419	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.419	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.197	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.786	"		ND					30	
HFPO-DA (Gen-X)	ND	0.838	"		ND					30	
11CL-PF3OUdS	ND	0.792	"		ND					30	
9CL-PF3ONS	ND	0.784	"		ND					30	
ADONA	ND	0.792	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.203	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.201	"		ND					30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	1.05	"		ND					30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	5.24	"		ND					30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	5.24	"		ND					30	
N-MeFOSE	ND	2.10	"		ND					30	
N-MeFOSA	ND	0.210	"		ND					30	
N-EtFOSE	ND	2.10	"		ND					30	
N-EtFOSA	ND	0.210	"		ND					30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50301 - EPA 1633 Prep											
Duplicate (BG50301-DUP1)	*Source sample: 25G0174-18 (PCI-B-24_8.0-10.0)								Prepared: 07/06/2025 Analyzed: 07/08/2025		
Surrogate: M3PFBS	*2.51*		*ug/kg dry*	*2.44*		*103*	*25-150*				
Surrogate: M5PFHxA	*2.84*		*"*	*2.62*		*108*	*25-150*				
Surrogate: M4PFHpA	*3.01*		*"*	*2.62*		*115*	*25-150*				
Surrogate: M3PFHxS	*2.75*		*"*	*2.48*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.93*		*"*	*2.62*		*112*	*25-150*				
Surrogate: M6PFDA	*1.36*		*"*	*1.31*		*104*	*25-150*				
Surrogate: M7PFUdA	*1.28*		*"*	*1.31*		*97.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.988*		*"*	*1.31*		*75.5*	*25-150*				
Surrogate: M2PFTeDA	*0.861*		*"*	*1.31*		*65.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.23*		*"*	*10.5*		*11.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.75*		*"*	*2.51*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.71*		*"*	*5.24*		*89.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.40*		*"*	*2.62*		*91.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.09*		*"*	*5.24*		*78.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.92*		*"*	*5.24*		*94.0*	*25-150*				
Surrogate: M2-6:2 FTS	*6.72*		*"*	*4.98*		*135*	*25-200*				
Surrogate: M2-8:2 FTS	*5.40*		*"*	*5.03*		*107*	*25-200*				
Surrogate: M9PFNA	*1.30*		*"*	*1.31*		*99.2*	*25-150*				
Surrogate: M2-4:2 FTS	*6.02*		*"*	*4.92*		*122*	*25-150*				
Surrogate: d-N-MeFOSA	*1.61*		*"*	*2.62*		*61.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.90*		*"*	*2.62*		*72.3*	*25-150*				
Surrogate: M3HFPO-DA	*11.5*		*"*	*10.5*		*110*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.2*		*"*	*26.2*		*58.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.3*		*"*	*26.2*		*62.3*	*25-150*				
Batch BG50321 - EPA 1633 Prep											
Blank (BG50321-BLK1)									Prepared: 07/06/2025 Analyzed: 07/09/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50321 - EPA 1633 Prep											
Blank (BG50321-BLK1)											Prepared: 07/06/2025 Analyzed: 07/09/2025
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.754	ug/kg wet								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.992	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.96	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.44*		"	*2.31*		*106*	*25-150*				
Surrogate: M5PFHxA	*2.64*		"	*2.48*		*106*	*25-150*				
Surrogate: M4PFHpA	*2.78*		"	*2.48*		*112*	*25-150*				
Surrogate: M3PFHxS	*2.61*		"	*2.35*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.60*		"	*2.48*		*105*	*25-150*				
Surrogate: M6PFDA	*1.14*		"	*1.24*		*92.3*	*25-150*				
Surrogate: M7PFUdA	*1.06*		"	*1.24*		*85.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.810*		"	*1.24*		*65.3*	*25-150*				
Surrogate: M2PFTeDA	*0.750*		"	*1.24*		*60.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.8*		"	*9.92*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.29*		"	*2.38*		*96.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.42*		"	*4.96*		*89.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.36*		"	*2.48*		*95.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.64*		"	*4.96*		*73.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.27*		"	*4.96*		*86.2*	*25-150*				
Surrogate: M2-6:2 FTS	*6.49*		"	*4.72*		*138*	*25-200*				
Surrogate: M2-8:2 FTS	*4.97*		"	*4.76*		*104*	*25-200*				
Surrogate: M9PFNA	*1.14*		"	*1.24*		*91.7*	*25-150*				



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

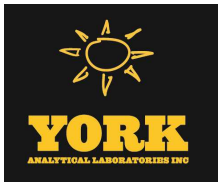
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50321 - EPA 1633 Prep											
Blank (BG50321-BLK1)								Prepared: 07/06/2025 Analyzed: 07/09/2025			
Surrogate: M2-4:2 FTS	*6.41*		*ug/kg wet*	*4.65*		*138*	*25-150*				
Surrogate: d-N-MeFOSA	*1.77*		*"*	*2.48*		*71.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.58*		*"*	*2.48*		*63.7*	*25-150*				
Surrogate: M3HFPO-DA	*9.92*		*"*	*9.92*		*100*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.7*		*"*	*24.8*		*63.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.8*		*"*	*24.8*		*63.8*	*25-150*				
LCS (BG50321-BS1)								Prepared: 07/06/2025 Analyzed: 07/09/2025			
Perfluorobutanesulfonic acid (PFBS)	4.28	0.176	ug/kg wet	3.53		121	50-150				
Perfluorohexanoic acid (PFHxA)	4.91	0.199	"	3.98		123	50-150				
Perfluoroheptanoic acid (PFHpA)	4.32	0.199	"	3.98		108	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.67	0.182	"	3.65		128	50-150				
Perfluorooctanoic acid (PFOA)	4.81	0.199	"	3.98		121	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.65	0.185	"	3.71		125	50-150				
Perfluorononanoic acid (PFNA)	4.82	0.199	"	3.98		121	50-150				
Perfluorodecanoic acid (PFDA)	4.54	0.199	"	3.98		114	50-150				
Perfluoroundecanoic acid (PFUnA)	4.82	0.199	"	3.98		121	50-150				
Perfluorododecanoic acid (PFDoA)	4.42	0.199	"	3.98		111	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.44	0.199	"	3.98		111	50-150				
Perfluorotetradecanoic acid (PFTA)	4.19	0.199	"	3.98		105	50-150				
N-MeFOSAA	4.33	0.199	"	3.98		109	50-150				
N-EtFOSAA	4.74	0.199	"	3.98		119	50-150				
Perfluoropentanoic acid (PFPeA)	8.77	0.398	"	7.97		110	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.51	0.199	"	3.98		113	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.84	0.199	"	3.80		127	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.14	0.192	"	3.84		108	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.5	0.757	"	15.1		122	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	19.0	0.765	"	15.3		124	50-150				
Perfluoro-n-butanoic acid (PFBA)	17.9	0.797	"	15.9		112	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.37	0.355	"	7.09		118	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.41	0.398	"	7.97		105	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.04	0.398	"	7.97		25.6	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.88	0.398	"	7.97		111	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.79	0.187	"	3.75		128	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	19.1	0.747	"	14.9		128	50-150				
HFPO-DA (Gen-X)	9.86	0.797	"	7.97		124	50-150				
11CL-PF3OUdS	6.78	0.753	"	7.53		90.0	50-150				
9CL-PF3ONS	7.89	0.745	"	7.45		106	50-150				
ADONA	10.2	0.753	"	7.53		136	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.79	0.193	"	3.86		98.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.31	0.191	"	3.82		139	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	12.4	0.996	"	15.9		77.9	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	99.4	4.98	"	79.7		125	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	94.9	4.98	"	79.7		119	50-150				
N-MeFOSE	43.7	1.99	"	39.8		110	50-150				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50321 - EPA 1633 Prep											
LCS (BG50321-BS1)									Prepared: 07/06/2025 Analyzed: 07/09/2025		
N-MeFOSA	4.55	0.199	ug/kg wet	3.98		114	50-150				
N-EtFOSE	41.3	1.99	"	39.8		104	50-150				
N-EtFOSA	3.46	0.199	"	3.98		86.8	50-150				
Surrogate: M3PFBS	*2.39*		"	*2.32*		*103*	*25-150*				
Surrogate: M5PFHxA	*2.58*		"	*2.49*		*104*	*25-150*				
Surrogate: M4PFHpA	*3.13*		"	*2.49*		*126*	*25-150*				
Surrogate: M3PFHxS	*2.58*		"	*2.36*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.75*		"	*2.49*		*110*	*25-150*				
Surrogate: M6PFDA	*1.33*		"	*1.25*		*107*	*25-150*				
Surrogate: M7PFUdA	*1.12*		"	*1.25*		*90.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.952*		"	*1.25*		*76.5*	*25-150*				
Surrogate: M2PFTeDA	*0.946*		"	*1.25*		*76.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.933*		"	*9.96*		*9.37*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.40*		"	*2.39*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.06*		"	*4.98*		*81.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.44*		"	*2.49*		*97.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.06*		"	*4.98*		*81.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.25*		"	*4.98*		*85.4*	*25-150*				
Surrogate: M2-6:2 FTS	*5.65*		"	*4.74*		*119*	*25-200*				
Surrogate: M2-8:2 FTS	*4.58*		"	*4.78*		*95.7*	*25-200*				
Surrogate: M9PFNA	*1.26*		"	*1.25*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*5.23*		"	*4.67*		*112*	*25-150*				
Surrogate: d-N-MeFOSA	*1.92*		"	*2.49*		*76.9*	*25-150*				
Surrogate: d-N-EtFOSA	*2.19*		"	*2.49*		*88.1*	*25-150*				
Surrogate: M3HFPO-DA	*9.74*		"	*9.96*		*97.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*17.6*		"	*24.9*		*70.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.4*		"	*24.9*		*69.9*	*25-150*				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50321 - EPA 1633 Prep											
LCS (BG50321-BS2)								Prepared: 07/06/2025 Analyzed: 07/09/2025			
Perfluorobutanesulfonic acid (PFBS)	0.391	0.177	ug/kg wet	0.354		110	50-150				
Perfluorohexanoic acid (PFHxA)	0.408	0.200	"	0.400		102	50-150				
Perfluoroheptanoic acid (PFHpA)	0.401	0.200	"	0.400		100	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.489	0.183	"	0.366		134	50-150				
Perfluorooctanoic acid (PFOA)	0.390	0.200	"	0.400		97.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.389	0.186	"	0.372		105	50-150				
Perfluorononanoic acid (PFNA)	0.448	0.200	"	0.400		112	50-150				
Perfluorodecanoic acid (PFDA)	0.423	0.200	"	0.400		106	50-150				
Perfluoroundecanoic acid (PFUnA)	0.430	0.200	"	0.400		108	50-150				
Perfluorododecanoic acid (PFDoA)	0.424	0.200	"	0.400		106	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.387	0.200	"	0.400		96.9	50-150				
Perfluorotetradecanoic acid (PFTA)	0.389	0.200	"	0.400		97.3	50-150				
N-MeFOSAA	0.409	0.200	"	0.400		102	50-150				
N-EtFOSAA	0.392	0.200	"	0.400		98.0	50-150				
Perfluoropentanoic acid (PFPeA)	0.836	0.400	"	0.800		105	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.483	0.200	"	0.400		121	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.446	0.200	"	0.382		117	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.280	0.193	"	0.386		72.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.53	0.760	"	1.52		101	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.54	0.768	"	1.54		100	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.77	0.800	"	1.60		111	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.689	0.356	"	0.712		96.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.555	0.400	"	0.800		69.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.759	0.400	"	0.800		94.9	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.774	0.400	"	0.800		96.8	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.472	0.188	"	0.376		126	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.66	0.750	"	1.50		111	50-150				
HFPO-DA (Gen-X)	0.834	0.800	"	0.800		104	50-150				
11CL-PF3OUdS	0.564	0.756	"	0.756		74.6	50-150				
9CL-PF3ONS	0.579	0.748	"	0.748		77.4	50-150				
ADONA	0.856	0.756	"	0.756		113	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.324	0.194	"	0.388		83.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.460	0.192	"	0.384		120	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.91	1.00	"	1.60		119	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	8.82	5.00	"	8.00		110	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	7.48	5.00	"	8.00		93.6	50-150				
N-MeFOSE	3.74	2.00	"	4.00		93.6	50-150				
N-MeFOSA	0.418	0.200	"	0.400		104	50-150				
N-EtFOSE	3.49	2.00	"	4.00		87.3	50-150				
N-EtFOSA	0.365	0.200	"	0.400		91.2	50-150				
Surrogate: M3PFBS	*2.47*		*"*	*2.33*		*106*	*25-150*				
Surrogate: M5PFHxA	*2.71*		*"*	*2.50*		*108*	*25-150*				
Surrogate: M4PFHpA	*3.05*		*"*	*2.50*		*122*	*25-150*				
Surrogate: M3PFHxS	*2.54*		*"*	*2.37*		*107*	*25-150*				

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

Batch BG50321 - EPA 1633 Prep

LCS (BG50321-BS2)

Prepared: 07/06/2025 Analyzed: 07/09/2025

Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.66*		*ug/kg wet*	*2.50*		*107*	*25-150*				
Surrogate: M6PFDA	*0.967*		*"*	*1.25*		*77.3*	*25-150*				
Surrogate: M7PFUdA	*0.867*		*"*	*1.25*		*69.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.666*		*"*	*1.25*		*53.3*	*25-150*				
Surrogate: M2PFTeDA	*0.638*		*"*	*1.25*		*51.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.9*		*"*	*10.0*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.95*		*"*	*2.40*		*81.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.56*		*"*	*5.00*		*91.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.92*		*"*	*2.50*		*76.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.21*		*"*	*5.00*		*64.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.39*		*"*	*5.00*		*67.8*	*25-150*				
Surrogate: M2-6:2 FTS	*6.00*		*"*	*4.76*		*126*	*25-200*				
Surrogate: M2-8:2 FTS	*4.02*		*"*	*4.80*		*83.7*	*25-200*				
Surrogate: M9PFNA	*1.12*		*"*	*1.25*		*89.7*	*25-150*				
Surrogate: M2-4:2 FTS	*5.93*		*"*	*4.69*		*127*	*25-150*				
Surrogate: d-N-MeFOSA	*1.71*		*"*	*2.50*		*68.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.70*		*"*	*2.50*		*68.0*	*25-150*				
Surrogate: M3HFPO-DA	*11.0*		*"*	*10.0*		*110*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.3*		*"*	*25.0*		*53.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.9*		*"*	*25.0*		*55.5*	*25-150*				

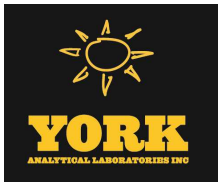
Batch BG50582 - EPA 1633 Prep

Blank (BG50582-BLK1)

Prepared: 07/09/2025 Analyzed: 07/11/2025

Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
Blank (BG50582-BLK1)											Prepared: 07/09/2025 Analyzed: 07/11/2025
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	ug/kg wet								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.994	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.97	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.50*		"	*2.32*		*108*	*25-150*				
Surrogate: M5PFHxA	*2.63*		"	*2.49*		*106*	*25-150*				
Surrogate: M4PFHpA	*3.23*		"	*2.49*		*130*	*25-150*				
Surrogate: M3PFHxS	*2.75*		"	*2.36*		*117*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.83*		"	*2.49*		*114*	*25-150*				
Surrogate: M6PFDA	*1.24*		"	*1.24*		*100*	*25-150*				
Surrogate: M7PFUdA	*1.07*		"	*1.24*		*86.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.918*		"	*1.24*		*73.9*	*25-150*				
Surrogate: M2PFTeDA	*0.755*		"	*1.24*		*60.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*7.25*		"	*9.94*		*72.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.65*		"	*2.38*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.80*		"	*4.97*		*96.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.04*		"	*2.49*		*122*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.87*		"	*4.97*		*57.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.24*		"	*4.97*		*65.1*	*25-150*				
Surrogate: M2-6:2 FTS	*6.80*		"	*4.73*		*144*	*25-200*				
Surrogate: M2-8:2 FTS	*6.09*		"	*4.77*		*128*	*25-200*				
Surrogate: M9PFNA	*1.32*		"	*1.24*		*107*	*25-150*				
Surrogate: M2-4:2 FTS	*6.39*		"	*4.66*		*137*	*25-150*				
Surrogate: d-N-MeFOSA	*2.06*		"	*2.49*		*83.0*	*25-150*				
Surrogate: d-N-EtFOSA	*2.04*		"	*2.49*		*82.2*	*25-150*				
Surrogate: M3HFPO-DA	*9.22*		"	*9.94*		*92.7*	*25-150*				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
Blank (BG50582-BLK1)								Prepared: 07/09/2025 Analyzed: 07/11/2025			
Surrogate: d9-N-EtFOSE	*27.2*		*ug/kg wet*	*24.9*		*109*	*25-150*				
Surrogate: d7-N-MeFOSE	*27.0*		*"*	*24.9*		*109*	*25-150*				
LCS (BG50582-BS1)								Prepared: 07/09/2025 Analyzed: 07/11/2025			
Perfluorobutanesulfonic acid (PFBS)	3.97	0.176	ug/kg wet	3.53		113	50-150				
Perfluorohexanoic acid (PFHxA)	4.41	0.199	"	3.98		111	50-150				
Perfluoroheptanoic acid (PFHpA)	3.95	0.199	"	3.98		99.2	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.37	0.182	"	3.65		120	50-150				
Perfluorooctanoic acid (PFOA)	4.28	0.199	"	3.98		107	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.98	0.185	"	3.71		108	50-150				
Perfluorononanoic acid (PFNA)	4.02	0.199	"	3.98		101	50-150				
Perfluorodecanoic acid (PFDA)	4.33	0.199	"	3.98		109	50-150				
Perfluoroundecanoic acid (PFUnA)	4.17	0.199	"	3.98		105	50-150				
Perfluorododecanoic acid (PFDoA)	4.18	0.199	"	3.98		105	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.27	0.199	"	3.98		107	50-150				
Perfluorotetradecanoic acid (PFTA)	3.91	0.199	"	3.98		98.2	50-150				
N-MeFOSAA	4.23	0.199	"	3.98		106	50-150				
N-EtFOSAA	3.90	0.199	"	3.98		98.0	50-150				
Perfluoropentanoic acid (PFPeA)	8.08	0.398	"	7.97		101	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.38	0.199	"	3.98		110	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.34	0.199	"	3.80		114	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.36	0.192	"	3.84		87.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.6	0.757	"	15.1		116	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.5	0.765	"	15.3		115	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.2	0.797	"	15.9		89.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.81	0.355	"	7.09		110	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.51	0.398	"	7.97		69.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.22	0.398	"	7.97		15.3	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	11.2	0.398	"	7.97		141	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.53	0.187	"	3.75		121	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.8	0.747	"	14.9		106	50-150				
HFPO-DA (Gen-X)	7.95	0.797	"	7.97		99.7	50-150				
11CL-PF3OUdS	6.89	0.753	"	7.53		91.6	50-150				
9CL-PF3ONS	8.44	0.745	"	7.45		113	50-150				
ADONA	9.10	0.753	"	7.53		121	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.61	0.193	"	3.86		67.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.47	0.191	"	3.82		117	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	10.2	0.996	"	15.9		63.7	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	100	4.98	"	79.7		126	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	96.9	4.98	"	79.7		122	50-150				
N-MeFOSE	39.8	1.99	"	39.8		99.9	50-150				
N-MeFOSA	3.52	0.199	"	3.98		88.4	50-150				
N-EtFOSE	37.1	1.99	"	39.8		93.0	50-150				
N-EtFOSA	3.71	0.199	"	3.98		93.1	50-150				
Surrogate: M3PFBS	*2.46*		*"*	*2.32*		*106*	*25-150*				

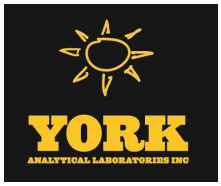
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
LCS (BG50582-BS1)											
Surrogate: M5PFHxA	*2.68*		*ug/kg wet*	*2.49*		*108*	*25-150*				
Surrogate: M4PFHpA	*3.08*		*"*	*2.49*		*124*	*25-150*				
Surrogate: M3PFHxS	*2.65*		*"*	*2.36*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.77*		*"*	*2.49*		*111*	*25-150*				
Surrogate: M6PFDA	*1.27*		*"*	*1.25*		*102*	*25-150*				
Surrogate: M7PFUdA	*1.12*		*"*	*1.25*		*89.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.880*		*"*	*1.25*		*70.7*	*25-150*				
Surrogate: M2PFTeDA	*0.783*		*"*	*1.25*		*62.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.337*		*"*	*9.96*		*3.38*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.62*		*"*	*2.39*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.83*		*"*	*4.98*		*56.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.95*		*"*	*2.49*		*118*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.07*		*"*	*4.98*		*61.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.23*		*"*	*4.98*		*64.8*	*25-150*				
Surrogate: M2-6:2 FTS	*5.91*		*"*	*4.74*		*125*	*25-200*				
Surrogate: M2-8:2 FTS	*5.51*		*"*	*4.78*		*115*	*25-200*				
Surrogate: M9PFNA	*1.43*		*"*	*1.25*		*115*	*25-150*				
Surrogate: M2-4:2 FTS	*5.89*		*"*	*4.67*		*126*	*25-150*				
Surrogate: d-N-MeFOSA	*2.06*		*"*	*2.49*		*82.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.81*		*"*	*2.49*		*72.7*	*25-150*				
Surrogate: M3HFPO-DA	*9.24*		*"*	*9.96*		*92.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*24.7*		*"*	*24.9*		*99.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*26.0*		*"*	*24.9*		*104*	*25-150*				
LCS (BG50582-BS2)											
Perfluorobutanesulfonic acid (PFBS)	0.409	0.177	ug/kg wet	0.354		115	50-150				
Perfluorohexanoic acid (PFHxA)	0.376	0.200	"	0.400		93.9	50-150				
Perfluoroheptanoic acid (PFHpA)	0.374	0.200	"	0.400		93.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.400	0.183	"	0.366		109	50-150				
Perfluorooctanoic acid (PFOA)	0.388	0.200	"	0.400		96.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.345	0.186	"	0.372		92.7	50-150				
Perfluorononanoic acid (PFNA)	0.405	0.200	"	0.400		101	50-150				
Perfluorodecanoic acid (PFDA)	0.364	0.200	"	0.400		91.0	50-150				
Perfluoroundecanoic acid (PFUnA)	0.397	0.200	"	0.400		99.4	50-150				
Perfluorododecanoic acid (PFDoA)	0.371	0.200	"	0.400		92.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.336	0.200	"	0.400		84.0	50-150				
Perfluorotetradecanoic acid (PFTA)	0.365	0.200	"	0.400		91.3	50-150				
N-MeFOSAA	0.394	0.200	"	0.400		98.5	50-150				
N-EtFOSAA	0.457	0.200	"	0.400		114	50-150				
Perfluoropentanoic acid (PFPeA)	0.757	0.400	"	0.800		94.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.449	0.200	"	0.400		112	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.436	0.200	"	0.382		114	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.405	0.193	"	0.386		105	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.41	0.760	"	1.52		92.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.77	0.768	"	1.54		115	50-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
LCS (BG50582-BS2)								Prepared: 07/09/2025 Analyzed: 07/11/2025			
Perfluoro-n-butanoic acid (PFBA)	1.51	0.800	ug/kg wet	1.60		94.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.654	0.356	"	0.712		91.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.519	0.400	"	0.800		64.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.211	0.400	"	0.800		26.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.822	0.400	"	0.800		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.341	0.188	"	0.376		90.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.40	0.750	"	1.50		93.5	50-150				
HFPO-DA (Gen-X)	0.620	0.800	"	0.800		77.6	50-150				
11CL-PF3OUdS	0.678	0.756	"	0.756		89.7	50-150				
9CL-PF3ONS	0.795	0.748	"	0.748		106	50-150				
ADONA	0.813	0.756	"	0.756		108	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.365	0.194	"	0.388		94.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.386	0.192	"	0.384		100	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.07	1.00	"	1.60		67.2	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	9.31	5.00	"	8.00		116	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	8.88	5.00	"	8.00		111	50-150				
N-MeFOSE	3.45	2.00	"	4.00		86.3	50-150				
N-MeFOSA	0.416	0.200	"	0.400		104	50-150				
N-EtFOSE	3.27	2.00	"	4.00		81.8	50-150				
N-EtFOSA	0.406	0.200	"	0.400		101	50-150				
Surrogate: M3PFBS	*2.65*		"	*2.33*		*114*	*25-150*				
Surrogate: M5PFHxA	*2.78*		"	*2.50*		*111*	*25-150*				
Surrogate: M4PFHpA	*3.23*		"	*2.50*		*129*	*25-150*				
Surrogate: M3PFHxS	*2.83*		"	*2.37*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.86*		"	*2.50*		*114*	*25-150*				
Surrogate: M6PFDA	*1.28*		"	*1.25*		*102*	*25-150*				
Surrogate: M7PFUdA	*1.16*		"	*1.25*		*93.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.862*		"	*1.25*		*68.9*	*25-150*				
Surrogate: M2PFTeDA	*0.695*		"	*1.25*		*55.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.491*		"	*10.0*		*4.91*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.72*		"	*2.40*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.46*		"	*5.00*		*89.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.16*		"	*2.50*		*126*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.68*		"	*5.00*		*73.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.59*		"	*5.00*		*71.9*	*25-150*				
Surrogate: M2-6:2 FTS	*6.80*		"	*4.76*		*143*	*25-200*				
Surrogate: M2-8:2 FTS	*6.13*		"	*4.80*		*128*	*25-200*				
Surrogate: M9PFNA	*1.28*		"	*1.25*		*103*	*25-150*				
Surrogate: M2-4:2 FTS	*6.90*		"	*4.69*		*147*	*25-150*				
Surrogate: d-N-MeFOSA	*2.29*		"	*2.50*		*91.5*	*25-150*				
Surrogate: d-N-EtFOSA	*2.02*		"	*2.50*		*80.7*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
LCS (BG50582-BS2)								Prepared: 07/09/2025 Analyzed: 07/11/2025			
Surrogate: M3HFPO-DA	*9.96*		*ug/kg wet*	*10.0*		*99.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*27.7*		*"*	*25.0*		*111*	*25-150*				
Surrogate: d7-N-MeFOSE	*28.5*		*"*	*25.0*		*114*	*25-150*				
Matrix Spike (BG50582-MS1)	*Source sample: 25G0174-49 (PCI-B-06_1.0-2.0)							Prepared: 07/09/2025 Analyzed: 07/11/2025			
Perfluorobutanesulfonic acid (PFBS)	4.32	0.193	ug/kg dry	3.86	ND	112	25-150				
Perfluorohexanoic acid (PFHxA)	4.86	0.218	"	4.36	ND	111	25-150				
Perfluoroheptanoic acid (PFHpA)	4.41	0.218	"	4.36	ND	101	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.76	0.199	"	3.99	ND	119	25-150				
Perfluorooctanoic acid (PFOA)	4.24	0.218	"	4.36	ND	97.3	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.16	0.203	"	4.05	ND	103	25-150				
Perfluorononanoic acid (PFNA)	4.22	0.218	"	4.36	ND	97.0	25-150				
Perfluorodecanoic acid (PFDA)	4.81	0.218	"	4.36	ND	110	25-150				
Perfluoroundecanoic acid (PFUnA)	4.41	0.218	"	4.36	ND	101	25-150				
Perfluorododecanoic acid (PFDoA)	4.06	0.218	"	4.36	ND	93.1	25-150				
Perfluorotridecanoic acid (PFTrDA)	5.20	0.218	"	4.36	ND	119	25-150				
Perfluorotetradecanoic acid (PFTA)	4.92	0.218	"	4.36	ND	113	25-150				
N-MeFOSAA	4.41	0.218	"	4.36	ND	101	25-150				
N-EtFOSAA	5.03	0.218	"	4.36	ND	115	25-150				
Perfluoropentanoic acid (PFPeA)	8.72	0.436	"	8.72	ND	100	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.56	0.218	"	4.36	ND	105	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.70	0.218	"	4.16	ND	113	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.62	0.210	"	4.21	ND	86.2	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.6	0.828	"	16.6	ND	106	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	19.6	0.837	"	16.7	ND	117	25-150				
Perfluoro-n-butanoic acid (PFBA)	14.3	0.872	"	17.4	ND	82.2	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.80	0.388	"	7.76	ND	114	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.68	0.436	"	8.72	ND	65.2	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.711	0.436	"	8.72	ND	8.16	25-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	12.6	0.436	"	8.72	ND	144	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.99	0.205	"	4.10	ND	122	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	19.2	0.817	"	16.3	ND	118	25-150				
HFPO-DA (Gen-X)	8.98	0.872	"	8.72	ND	103	25-150				
11CL-PF3OUdS	6.92	0.824	"	8.24	ND	84.0	25-150				
9CL-PF3ONS	8.56	0.815	"	8.15	ND	105	25-150				
ADONA	8.94	0.824	"	8.24	ND	109	25-150				
Perfluorododecanesulfonic acid (PFDoS)	3.35	0.211	"	4.23	ND	79.3	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.75	0.209	"	4.18	ND	114	25-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	7.39	1.09	"	17.4	ND	42.4	25-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	88.6	5.45	"	87.2	ND	102	25-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	93.1	5.45	"	87.2	ND	107	25-150				
N-MeFOSE	43.3	2.18	"	43.6	ND	99.4	25-150				
N-MeFOSA	3.82	0.218	"	4.36	ND	87.6	25-150				
N-EtFOSE	42.0	2.18	"	43.6	ND	96.4	25-150				
N-EtFOSA	3.47	0.218	"	4.36	ND	79.6	25-150				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
Matrix Spike (BG50582-MS1)	*Source sample: 25G0174-49 (PCI-B-06_1.0-2.0)								Prepared: 07/09/2025 Analyzed: 07/11/2025		
Surrogate: M3PFBS	*2.70*		*ug/kg dry*	*2.54*		*107*	*25-150*				
Surrogate: M5PFHxA	*3.02*		*"*	*2.72*		*111*	*25-150*				
Surrogate: M4PFHpA	*3.29*		*"*	*2.72*		*121*	*25-150*				
Surrogate: M3PFHxS	*2.92*		*"*	*2.58*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.21*		*"*	*2.72*		*118*	*25-150*				
Surrogate: M6PFDA	*1.34*		*"*	*1.36*		*98.7*	*25-150*				
Surrogate: M7PFUdA	*1.37*		*"*	*1.36*		*101*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.07*		*"*	*1.36*		*78.7*	*25-150*				
Surrogate: M2PFTeDA	*0.764*		*"*	*1.36*		*56.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.233*		*"*	*10.9*		*2.14*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.11*		*"*	*2.61*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.16*		*"*	*5.45*		*58.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.44*		*"*	*2.72*		*126*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.13*		*"*	*5.45*		*57.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.17*		*"*	*5.45*		*58.2*	*25-150*				
Surrogate: M2-6:2 FTS	*7.20*		*"*	*5.18*		*139*	*25-200*				
Surrogate: M2-8:2 FTS	*5.88*		*"*	*5.23*		*113*	*25-200*				
Surrogate: M9PFNA	*1.49*		*"*	*1.36*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*5.85*		*"*	*5.11*		*114*	*25-150*				
Surrogate: d-N-MeFOSA	*2.56*		*"*	*2.72*		*93.8*	*25-150*				
Surrogate: d-N-EtFOSA	*2.51*		*"*	*2.72*		*92.2*	*25-150*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*10.9*		*105*	*25-150*				
Surrogate: d9-N-EtFOSE	*26.1*		*"*	*27.2*		*96.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*27.2*		*"*	*27.2*		*99.7*	*25-150*				
Matrix Spike Dup (BG50582-MSD1)	*Source sample: 25G0174-49 (PCI-B-06_1.0-2.0)								Prepared: 07/09/2025 Analyzed: 07/11/2025		
Perfluorobutanesulfonic acid (PFBS)	4.37	0.192	ug/kg dry	3.83	ND	114	25-150		1.20	35	
Perfluorohexanoic acid (PFHxA)	4.82	0.217	"	4.33	ND	111	25-150		0.702	35	
Perfluoroheptanoic acid (PFHpA)	4.23	0.217	"	4.33	ND	97.6	25-150		4.14	35	
Perfluorohexanesulfonic acid (PFHxS)	4.72	0.198	"	3.96	ND	119	25-150		0.868	35	
Perfluorooctanoic acid (PFOA)	4.51	0.217	"	4.33	ND	104	25-150		6.12	35	
Perfluorooctanesulfonic acid (PFOS)	4.10	0.201	"	4.03	ND	102	25-150		1.53	35	
Perfluorononanoic acid (PFNA)	4.26	0.217	"	4.33	ND	98.4	25-150		0.931	35	
Perfluorodecanoic acid (PFDA)	4.55	0.217	"	4.33	ND	105	25-150		5.51	35	
Perfluoroundecanoic acid (PFUnA)	4.67	0.217	"	4.33	ND	108	25-150		5.78	35	
Perfluorododecanoic acid (PFDoA)	4.10	0.217	"	4.33	ND	94.8	25-150		1.12	35	
Perfluorotridecanoic acid (PFTrDA)	5.03	0.217	"	4.33	ND	116	25-150		3.49	35	
Perfluorotetradecanoic acid (PFTA)	4.47	0.217	"	4.33	ND	103	25-150		9.79	35	
N-MeFOSAA	4.03	0.217	"	4.33	ND	93.0	25-150		9.10	35	
N-EtFOSAA	4.79	0.217	"	4.33	ND	111	25-150		4.83	35	
Perfluoropentanoic acid (PFPeA)	8.45	0.433	"	8.66	ND	97.5	25-150		3.14	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.54	0.217	"	4.33	ND	105	25-150		0.581	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.43	0.217	"	4.14	ND	107	25-150		5.82	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.74	0.209	"	4.18	ND	89.6	25-150		3.26	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.8	0.823	"	16.5	ND	108	25-150		1.20	35	

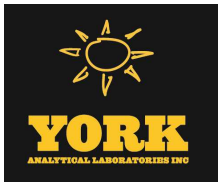
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
Matrix Spike Dup (BG50582-MSD1)	*Source sample: 25G0174-49 (PCI-B-06_1.0-2.0)								Prepared: 07/09/2025 Analyzed: 07/11/2025		
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.9	0.832	ug/kg dry	16.6	ND	114	25-150		3.54	35	
Perfluoro-n-butanoic acid (PFBA)	18.5	0.866	"	17.3	ND	107	25-150		25.5	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.53	0.386	"	7.71	ND	111	25-150		3.19	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.77	0.433	"	8.66	ND	66.6	25-150		1.42	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	5.03	0.433	"	8.66	ND	58.0	25-150		150	30	Non-dir.
Perfluoro-5-oxahexanoic acid (PFMBA)	8.48	0.433	"	8.66	ND	97.9	25-150		38.9	30	Non-dir.
Perfluoro-1-pentanesulfonate (PFPeS)	4.98	0.204	"	4.07	ND	122	25-150		0.255	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	18.5	0.812	"	16.2	ND	114	25-150		3.93	30	
HFPO-DA (Gen-X)	8.55	0.866	"	8.66	ND	98.7	25-150		4.91	30	
11CL-PF3OUdS	6.42	0.819	"	8.19	ND	78.4	25-150		7.49	30	
9CL-PF3ONS	8.11	0.810	"	8.10	ND	100	25-150		5.37	30	
ADONA	8.50	0.819	"	8.19	ND	104	25-150		5.08	30	
Perfluorododecanesulfonic acid (PFDoS)	3.15	0.210	"	4.20	ND	74.9	25-150		6.38	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	4.80	0.208	"	4.16	ND	115	25-150		1.08	30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	13.6	1.08	"	17.3	ND	78.6	25-150		59.2	30	Non-dir.
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	86.4	5.41	"	86.6	ND	99.7	25-150		2.54	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	89.6	5.41	"	86.6	ND	103	25-150		3.86	30	
N-MeFOSE	42.3	2.17	"	43.3	ND	97.6	25-150		2.41	30	
N-MeFOSA	3.97	0.217	"	4.33	ND	91.6	25-150		3.86	30	
N-EtFOSE	39.4	2.17	"	43.3	ND	90.9	25-150		6.48	30	
N-EtFOSA	3.56	0.217	"	4.33	ND	82.2	25-150		2.63	30	
Surrogate: M3PFBS	*2.73*		"	*2.52*		*108*	*25-150*				
Surrogate: M5PFHxA	*3.07*		"	*2.71*		*113*	*25-150*				
Surrogate: M4PFHpA	*3.34*		"	*2.71*		*123*	*25-150*				
Surrogate: M3PFHxS	*2.84*		"	*2.57*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.09*		"	*2.71*		*114*	*25-150*				
Surrogate: M6PFDA	*1.49*		"	*1.35*		*110*	*25-150*				
Surrogate: M7PFUdA	*1.27*		"	*1.35*		*93.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.11*		"	*1.35*		*82.2*	*25-150*				
Surrogate: M2PFTeDA	*0.854*		"	*1.35*		*63.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.65*		"	*10.8*		*52.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.27*		"	*2.59*		*126*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.43*		"	*5.41*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.49*		"	*2.71*		*129*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.50*		"	*5.41*		*64.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.63*		"	*5.41*		*67.1*	*25-150*				
Surrogate: M2-6:2 FTS	*7.52*		"	*5.15*		*146*	*25-200*				
Surrogate: M2-8:2 FTS	*6.04*		"	*5.20*		*116*	*25-200*				
Surrogate: M9PFNA	*1.47*		"	*1.35*		*109*	*25-150*				
Surrogate: M2-4:2 FTS	*6.19*		"	*5.08*		*122*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
Matrix Spike Dup (BG50582-MSD1)	*Source sample: 25G0174-49 (PCI-B-06_1.0-2.0)								Prepared: 07/09/2025 Analyzed: 07/11/2025		
Surrogate: d-N-MeFOSA	*2.61*		*ug/kg dry*	*2.71*		*96.4*	*25-150*				
Surrogate: d-N-EtFOSA	*2.33*		*"*	*2.71*		*86.0*	*25-150*				
Surrogate: M3HFPO-DA	*11.7*		*"*	*10.8*		*108*	*25-150*				
Surrogate: d9-N-EtFOSE	*27.1*		*"*	*27.1*		*100*	*25-150*				
Surrogate: d7-N-MeFOSE	*27.5*		*"*	*27.1*		*102*	*25-150*				
Batch BG50794 - EPA 1633 Prep											
Blank (BG50794-BLK1)									Prepared: 07/11/2025 Analyzed: 07/14/2025		
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 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	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 FTS)	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	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	5.00	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	25.0	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	25.0	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50794 - EPA 1633 Prep											
Blank (BG50794-BLK1)											Prepared: 07/11/2025 Analyzed: 07/14/2025
N-MeFOSE	ND	20.0	ng/L								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*28.4*		"	*23.3*		*122*	*25-150*				
Surrogate: M5PFHxA	*32.4*		"	*25.0*		*130*	*25-150*				
Surrogate: M4PFHpA	*34.7*		"	*25.0*		*139*	*25-150*				
Surrogate: M3PFHxS	*29.7*		"	*23.7*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.3*		"	*25.0*		*133*	*25-150*				
Surrogate: M6PFDA	*15.4*		"	*12.5*		*123*	*25-150*				
Surrogate: M7PFUdA	*13.9*		"	*12.5*		*111*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.5*		"	*12.5*		*92.3*	*25-150*				
Surrogate: M2PFTeDA	*8.33*		"	*12.5*		*66.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*14.8*		"	*100*		*14.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.5*		"	*24.0*		*123*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*38.0*		"	*50.0*		*76.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*36.0*		"	*25.0*		*144*	*10-150*				
Surrogate: d3-N-MeFOSAA	*38.9*		"	*50.0*		*77.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*42.6*		"	*50.0*		*85.2*	*25-150*				
Surrogate: M2-6:2 FTS	*80.5*		"	*47.6*		*169*	*25-200*				
Surrogate: M2-8:2 FTS	*69.3*		"	*48.0*		*144*	*25-200*				
Surrogate: M9PFNA	*15.7*		"	*12.5*		*125*	*25-150*				
Surrogate: M2-4:2 FTS	*75.3*		"	*46.9*		*161*	*25-150*				
Surrogate: d-N-MeFOSA	*30.2*		"	*25.0*		*121*	*25-150*				
Surrogate: d-N-EtFOSA	*21.9*		"	*25.0*		*87.5*	*25-150*				
Surrogate: M3HFPO-DA	*124*		"	*100*		*124*	*25-150*				
Surrogate: d9-N-EtFOSE	*207*		"	*250*		*82.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*226*		"	*250*		*90.4*	*25-150*				

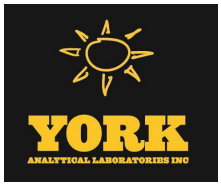


PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50794 - EPA 1633 Prep											
LCS (BG50794-BS1)								Prepared: 07/11/2025 Analyzed: 07/14/2025			
Perfluorobutanesulfonic acid (PFBS)	39.5	1.77	ng/L	35.4		112	50-150				
Perfluorohexanoic acid (PFHxA)	44.0	2.00	"	40.0		110	50-150				
Perfluoroheptanoic acid (PFHpA)	45.5	2.00	"	40.0		114	50-150				
Perfluorohexanesulfonic acid (PFHxS)	43.4	1.83	"	36.6		118	50-150				
Perfluorooctanoic acid (PFOA)	41.3	2.00	"	40.0		103	50-150				
Perfluorooctanesulfonic acid (PFOS)	43.3	1.86	"	37.2		116	50-150				
Perfluorononanoic acid (PFNA)	43.8	2.00	"	40.0		110	50-150				
Perfluorodecanoic acid (PFDA)	47.9	2.00	"	40.0		120	50-150				
Perfluoroundecanoic acid (PFUnA)	41.4	2.00	"	40.0		104	50-150				
Perfluorododecanoic acid (PFDoA)	38.9	2.00	"	40.0		97.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	51.1	2.00	"	40.0		128	50-150				
Perfluorotetradecanoic acid (PFTA)	42.5	2.00	"	40.0		106	50-150				
N-MeFOSAA	41.6	2.00	"	40.0		104	50-150				
N-EtFOSAA	38.7	2.00	"	40.0		96.9	50-150				
Perfluoropentanoic acid (PFPeA)	82.0	4.00	"	80.0		103	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	44.0	2.00	"	40.0		110	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	45.4	1.91	"	38.2		119	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	34.0	1.93	"	38.6		88.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	177	7.60	"	152		116	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	167	7.68	"	154		108	50-150				
Perfluoro-n-butanoic acid (PFBA)	156	8.00	"	160		97.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	78.4	3.56	"	71.2		110	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	62.9	4.00	"	80.0		78.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	16.6	4.00	"	80.0		20.8	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	114	4.00	"	80.0		142	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	44.6	1.88	"	37.6		119	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	168	7.50	"	150		112	50-150				
HFPO-DA (Gen-X)	78.4	8.00	"	80.0		98.0	50-150				
11CL-PF3OUdS	59.8	7.56	"	75.6		79.1	50-150				
9CL-PF3ONS	74.1	7.48	"	74.8		99.0	50-150				
ADONA	82.6	7.56	"	75.6		109	50-150				
Perfluorododecanesulfonic acid (PFDoS)	31.3	1.94	"	38.8		80.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	48.1	1.92	"	38.4		125	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	102	5.00	"	160		64.1	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	955	25.0	"	800		119	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	1110	25.0	"	800		138	50-150				
N-MeFOSE	420	20.0	"	400		105	50-150				
N-MeFOSA	41.0	2.00	"	40.0		103	50-150				
N-EtFOSE	388	20.0	"	400		96.9	50-150				
N-EtFOSA	29.4	2.00	"	40.0		73.4	50-150				
Surrogate: M3PFBS	*27.4*		*"*	*23.3*		*118*	*25-150*				
Surrogate: M5PFHxA	*30.2*		*"*	*25.0*		*121*	*25-150*				
Surrogate: M4PFHpA	*31.2*		*"*	*25.0*		*125*	*25-150*				
Surrogate: M3PFHxS	*31.0*		*"*	*23.7*		*131*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50794 - EPA 1633 Prep											
LCS (BG50794-BS1)									Prepared: 07/11/2025 Analyzed: 07/14/2025		
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.0*		*ng/L*	*25.0*		*120*	*25-150*				
Surrogate: M6PFDA	*14.1*		*"*	*12.5*		*113*	*25-150*				
Surrogate: M7PFUdA	*14.5*		*"*	*12.5*		*116*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.8*		*"*	*12.5*		*94.5*	*25-150*				
Surrogate: M2PFTeDA	*8.09*		*"*	*12.5*		*64.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.41*		*"*	*100*		*4.41*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.5*		*"*	*24.0*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*29.4*		*"*	*50.0*		*58.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*31.6*		*"*	*25.0*		*127*	*10-150*				
Surrogate: d3-N-MeFOSAA	*37.6*		*"*	*50.0*		*75.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*41.7*		*"*	*50.0*		*83.4*	*25-150*				
Surrogate: M2-6:2 FTS	*73.0*		*"*	*47.6*		*153*	*25-200*				
Surrogate: M2-8:2 FTS	*63.7*		*"*	*48.0*		*133*	*25-200*				
Surrogate: M9PFNA	*14.5*		*"*	*12.5*		*116*	*25-150*				
Surrogate: M2-4:2 FTS	*65.3*		*"*	*46.9*		*139*	*25-150*				
Surrogate: d-N-MeFOSA	*20.3*		*"*	*25.0*		*81.4*	*25-150*				
Surrogate: d-N-EtFOSA	*23.5*		*"*	*25.0*		*94.0*	*25-150*				
Surrogate: M3HFPO-DA	*118*		*"*	*100*		*118*	*25-150*				
Surrogate: d9-N-EtFOSE	*201*		*"*	*250*		*80.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*206*		*"*	*250*		*82.3*	*25-150*				
LCS (BG50794-BS2)									Prepared: 07/11/2025 Analyzed: 07/14/2025		
Perfluorobutanesulfonic acid (PFBS)	3.76	1.77	ng/L	3.54		106	50-150				
Perfluorohexanoic acid (PFHxA)	3.99	2.00	"	4.00		99.8	50-150				
Perfluoroheptanoic acid (PFHpA)	4.22	2.00	"	4.00		106	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.98	1.83	"	3.66		109	50-150				
Perfluorooctanoic acid (PFOA)	3.64	2.00	"	4.00		90.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.67	1.86	"	3.72		98.6	50-150				
Perfluorononanoic acid (PFNA)	4.03	2.00	"	4.00		101	50-150				
Perfluorodecanoic acid (PFDA)	3.98	2.00	"	4.00		99.4	50-150				
Perfluoroundecanoic acid (PFUnA)	3.73	2.00	"	4.00		93.4	50-150				
Perfluorododecanoic acid (PFDoA)	3.69	2.00	"	4.00		92.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.28	2.00	"	4.00		107	50-150				
Perfluorotetradecanoic acid (PFTA)	3.42	2.00	"	4.00		85.5	50-150				
N-MeFOSAA	4.38	2.00	"	4.00		110	50-150				
N-EtFOSAA	2.64	2.00	"	4.00		66.1	50-150				
Perfluoropentanoic acid (PFPeA)	8.26	4.00	"	8.00		103	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.33	2.00	"	4.00		108	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.28	1.91	"	3.82		112	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.21	1.93	"	3.86		109	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.7	7.60	"	15.2		110	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.0	7.68	"	15.4		91.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	10.9	8.00	"	16.0		68.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.61	3.56	"	7.12		92.9	50-150				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50794 - EPA 1633 Prep											
LCS (BG50794-BS2)								Prepared: 07/11/2025 Analyzed: 07/14/2025			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.31	4.00	ng/L	8.00		116	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.32	4.00	"	8.00		16.5	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	13.0	4.00	"	8.00		162	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	4.00	1.88	"	3.76		107	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	13.9	7.50	"	15.0		92.9	50-150				
HFPO-DA (Gen-X)	6.95	8.00	"	8.00		86.9	50-150				
11CL-PF3OUdS	8.06	7.56	"	7.56		107	50-150				
9CL-PF3ONS	8.12	7.48	"	7.48		109	50-150				
ADONA	8.68	7.56	"	7.56		115	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.44	1.94	"	3.88		62.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.06	1.92	"	3.84		106	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	9.49	5.00	"	16.0		59.3	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	98.0	25.0	"	80.0		123	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	115	25.0	"	80.0		144	50-150				
N-MeFOSE	39.2	20.0	"	40.0		98.0	50-150				
N-MeFOSA	4.11	2.00	"	4.00		103	50-150				
N-EtFOSE	33.4	20.0	"	40.0		83.5	50-150				
N-EtFOSA	3.16	2.00	"	4.00		78.9	50-150				
Surrogate: M3PFBS	*23.9*		*"*	*23.3*		*103*	*25-150*				
Surrogate: M5PFHxA	*27.2*		*"*	*25.0*		*109*	*25-150*				
Surrogate: M4PFHpA	*29.7*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M3PFHxS	*28.7*		*"*	*23.7*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.8*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M6PFDA	*13.2*		*"*	*12.5*		*105*	*25-150*				
Surrogate: M7PFUdA	*13.9*		*"*	*12.5*		*111*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*10.4*		*"*	*12.5*		*83.4*	*25-150*				
Surrogate: M2PFTeDA	*7.81*		*"*	*12.5*		*62.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.29*		*"*	*100*		*1.29*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*26.9*		*"*	*24.0*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*16.0*		*"*	*50.0*		*32.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*32.8*		*"*	*25.0*		*131*	*10-150*				
Surrogate: d3-N-MeFOSAA	*33.9*		*"*	*50.0*		*67.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*41.7*		*"*	*50.0*		*83.4*	*25-150*				
Surrogate: M2-6:2 FTS	*81.3*		*"*	*47.6*		*171*	*25-200*				
Surrogate: M2-8:2 FTS	*67.8*		*"*	*48.0*		*141*	*25-200*				
Surrogate: M9PFNA	*13.5*		*"*	*12.5*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*66.9*		*"*	*46.9*		*143*	*25-150*				
Surrogate: d-N-MeFOSA	*19.5*		*"*	*25.0*		*78.0*	*25-150*				
Surrogate: d-N-EtFOSA	*24.2*		*"*	*25.0*		*96.9*	*25-150*				
Surrogate: M3HFPO-DA	*103*		*"*	*100*		*103*	*25-150*				
Surrogate: d9-N-EtFOSE	*214*		*"*	*250*		*85.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*216*		*"*	*250*		*86.2*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50264 - EPA 3550C											
Blank (BG50264-BLK1)									Prepared: 07/03/2025 Analyzed: 07/07/2025		
Tentatively Identified Compounds	0.00		ug/kg wet								
Batch BG50351 - EPA 3550C											
Blank (BG50351-BLK1)									Prepared & Analyzed: 07/07/2025		
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50309 - EPA 3550C											
Blank (BG50309-BLK1)											Prepared: 07/06/2025 Analyzed: 07/07/2025
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0487*		*"*	*0.0664*		*73.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0453*		*"*	*0.0664*		*68.2*	*30-150*				
LCS (BG50309-BS1)											Prepared: 07/06/2025 Analyzed: 07/07/2025
4,4'-DDD	0.0250	0.00164	mg/kg wet	0.0332		75.2	40-140				
4,4'-DDE	0.0283	0.00164	"	0.0332		85.3	40-140				
4,4'-DDT	0.0266	0.00164	"	0.0332		80.1	40-140				
Aldrin	0.0258	0.00164	"	0.0332		77.7	40-140				
alpha-BHC	0.0252	0.00164	"	0.0332		75.9	40-140				
alpha-Chlordane	0.0268	0.00164	"	0.0332		80.6	40-140				
beta-BHC	0.0302	0.00164	"	0.0332		90.9	40-140				
delta-BHC	0.0268	0.00164	"	0.0332		80.8	40-140				
Dieldrin	0.0255	0.00164	"	0.0332		76.9	40-140				
Endosulfan I	0.0265	0.00164	"	0.0332		79.8	40-140				
Endosulfan II	0.0280	0.00164	"	0.0332		84.4	40-140				
Endosulfan sulfate	0.0285	0.00164	"	0.0332		85.9	40-140				
Endrin	0.0261	0.00164	"	0.0332		78.6	40-140				
Endrin aldehyde	0.0219	0.00164	"	0.0332		65.8	40-140				
Endrin ketone	0.0264	0.00164	"	0.0332		79.4	40-140				
gamma-BHC (Lindane)	0.0240	0.00164	"	0.0332		72.4	40-140				
gamma-Chlordane	0.0265	0.00164	"	0.0332		79.8	40-140				
Heptachlor	0.0257	0.00164	"	0.0332		77.3	40-140				
Heptachlor epoxide	0.0261	0.00164	"	0.0332		78.7	40-140				
Methoxychlor	0.0301	0.00164	"	0.0332		90.5	40-140				
Surrogate: Decachlorobiphenyl	*0.0514*		*"*	*0.0664*		*77.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0475*		*"*	*0.0664*		*71.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50354 - EPA 3550C											
Blank (BG50354-BLK1)											Prepared & Analyzed: 07/07/2025
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0331*		*"*	*0.0664*		*49.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0380*		*"*	*0.0664*		*57.1*	*30-150*				
LCS (BG50354-BS1)											Prepared & Analyzed: 07/07/2025
4,4'-DDD	0.0256	0.00164	mg/kg wet	0.0332		76.9	40-140				
4,4'-DDE	0.0237	0.00164	"	0.0332		71.3	40-140				
4,4'-DDT	0.0231	0.00164	"	0.0332		69.4	40-140				
Aldrin	0.0235	0.00164	"	0.0332		70.6	40-140				
alpha-BHC	0.0235	0.00164	"	0.0332		70.8	40-140				
alpha-Chlordane	0.0239	0.00164	"	0.0332		71.9	40-140				
beta-BHC	0.0269	0.00164	"	0.0332		81.0	40-140				
delta-BHC	0.0235	0.00164	"	0.0332		70.8	40-140				
Dieldrin	0.0238	0.00164	"	0.0332		71.6	40-140				
Endosulfan I	0.0249	0.00164	"	0.0332		74.9	40-140				
Endosulfan II	0.0266	0.00164	"	0.0332		80.2	40-140				
Endosulfan sulfate	0.0243	0.00164	"	0.0332		73.3	40-140				
Endrin	0.0253	0.00164	"	0.0332		76.1	40-140				
Endrin aldehyde	0.0190	0.00164	"	0.0332		57.1	40-140				
Endrin ketone	0.0257	0.00164	"	0.0332		77.2	40-140				
gamma-BHC (Lindane)	0.0235	0.00164	"	0.0332		70.8	40-140				
gamma-Chlordane	0.0241	0.00164	"	0.0332		72.4	40-140				
Heptachlor	0.0238	0.00164	"	0.0332		71.6	40-140				
Heptachlor epoxide	0.0249	0.00164	"	0.0332		75.0	40-140				
Methoxychlor	0.0256	0.00164	"	0.0332		77.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0445*		*"*	*0.0664*		*67.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0419*		*"*	*0.0664*		*63.0*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50308 - EPA 3550C											
Blank (BG50308-BLK2)											
Prepared: 07/06/2025 Analyzed: 07/07/2025											
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0561*		*"*	*0.0664*		*84.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0455*		*"*	*0.0664*		*68.5*	*30-120*				
LCS (BG50308-BS2)											
Prepared: 07/06/2025 Analyzed: 07/07/2025											
Aroclor 1016	0.320	0.0166	mg/kg wet	0.332		96.3	40-130				
Aroclor 1260	0.299	0.0166	"	0.332		90.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0588*		*"*	*0.0664*		*88.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0498*		*"*	*0.0664*		*75.0*	*30-120*				
Batch BG50353 - EPA 3550C											
Blank (BG50353-BLK1)											
Prepared: 07/07/2025 Analyzed: 07/08/2025											
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0395*		*"*	*0.0664*		*59.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0379*		*"*	*0.0664*		*57.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50353 - EPA 3550C											
LCS (BG50353-BS2)											
Prepared: 07/07/2025 Analyzed: 07/08/2025											
Aroclor 1016	0.219	0.0166	mg/kg wet	0.332		65.8	40-130				
Aroclor 1260	0.200	0.0166	"	0.332		60.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0399*		*"*	*0.0664*		*60.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0379*		*"*	*0.0664*		*57.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50403 - EPA 3050B											
Blank (BG50403-BLK1)											Prepared: 07/07/2025 Analyzed: 07/08/2025
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BG50403-SRM1)											Prepared: 07/07/2025 Analyzed: 07/08/2025
Aluminum	9020	4.17	mg/kg wet	6840		132	53.2-146.2				
Antimony	63.8	2.08	"	101		63.2	0.1-199				
Arsenic	155	1.25	"	148		105	81.1-119.6				
Barium	194	2.08	"	191		102	81.7-118.3				
Beryllium	267	0.042	"	240		111	82.1-117.5				
Cadmium	194	0.250	"	190		102	82.1-118.4				
Calcium	4270	4.17	"	4030		106	82.1-117.9				
Chromium	141	0.417	"	132		107	81.1-118.9				
Cobalt	136	0.333	"	126		108	82.5-117.5				
Copper	266	1.67	"	234		114	82.9-117.5				
Iron	7370	20.8	"	6830		108	59.7-140.4				
Lead	97.5	0.417	"	98.6		98.9	81.8-117.6				
Magnesium	2310	4.17	"	1960		118	76-124				
Manganese	255	0.417	"	244		104	80.7-119.3				
Nickel	166	0.830	"	155		107	81.9-118.1				
Potassium	2500	4.17	"	2070		121	71-128.5				
Selenium	121	2.08	"	124		97.8	78.5-121				
Silver	57.8	0.420	"	54.9		105	79.4-120.8				
Sodium	312	41.7	"	275		113	73.5-126.2				
Thallium	194	1.67	"	183		106	80.3-119.7				
Vanadium	148	0.830	"	137		108	78.1-121.9				
Zinc	349	2.08	"	345		101	79.4-120.6				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50345 - EPA 7473 soil											
Blank (BG50345-BLK1)										Prepared: 07/07/2025 Analyzed: 07/08/2025	
Mercury	ND	0.0300	mg/kg wet								
Reference (BG50345-SRM1)										Prepared: 07/07/2025 Analyzed: 07/08/2025	
Mercury	18.112		mg/kg	24.0		75.5	55.8-109.6				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50450 - Analysis Preparation											
Blank (BG50450-BLK1)									Prepared & Analyzed: 07/08/2025		
Cyanide, total	ND	0.0100	mg/L								
Reference (BG50450-SRM1)									Prepared & Analyzed: 07/08/2025		
Cyanide, total	160		mg/L	111		144	43.5-170				
Batch BG50601 - Analysis Preparation Soil											
Blank (BG50601-BLK1)									Prepared & Analyzed: 07/09/2025		
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BG50601-DUP1)	*Source sample: 25G0174-22 (PCI-B-15_10.0-12.0)								Prepared & Analyzed: 07/09/2025		
Cyanide, total	ND	0.539	mg/kg dry		ND					15	
Matrix Spike (BG50601-MS1)	*Source sample: 25G0174-22 (PCI-B-15_10.0-12.0)								Prepared & Analyzed: 07/09/2025		
Cyanide, total	5.64	0.539	mg/kg dry	5.39	ND	105	79.6-107				
Matrix Spike Dup (BG50601-MSD1)	*Source sample: 25G0174-22 (PCI-B-15_10.0-12.0)								Prepared & Analyzed: 07/09/2025		
Cyanide, total	3.85	0.539	mg/kg dry	5.39	ND	71.5	79.6-107	Low Bias	37.7	200	
Reference (BG50601-SRM1)									Prepared & Analyzed: 07/09/2025		
Cyanide, total	115		ug/mL	111		104	43.5-170				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50248 - % Solids Prep											
Duplicate (BG50248-DUP1)	*Source sample: 25G0174-46 (PCI-B-13_7.0-9.0)								Prepared & Analyzed: 07/03/2025		
% Solids	91.0	0.100	%		90.9				0.0159	20	
Batch BG50472 - % Solids Prep											
Duplicate (BG50472-DUP1)	*Source sample: 25G0174-03 (PCI-B-16_0.0-0.17)								Prepared & Analyzed: 07/08/2025		
% Solids	89.9	0.100	%		91.0				1.20	20	
Batch BG50473 - % Solids Prep											
Duplicate (BG50473-DUP1)	*Source sample: 25G0174-28 (PCI-B-17_0.17-1.0)								Prepared & Analyzed: 07/08/2025		
% Solids	90.6	0.100	%		91.0				0.415	20	
Batch BG50474 - % Solids Prep											
Duplicate (BG50474-DUP1)	*Source sample: 25G0174-51 (PCI-FD01-250701)								Prepared & Analyzed: 07/08/2025		
% Solids	94.1	0.100	%		93.2				0.883	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25G0174-06	PCI-B-16_8.0-9.5	40mL 01_Clear Vial Cool to 4° C
25G0174-10	PCI-B-09_8.0-9.5	40mL Vial with Stir Bar-Cool 4° C
25G0174-18	PCI-B-24_8.0-10.0	40mL Vial with Stir Bar-Cool 4° C
25G0174-22	PCI-B-15_10.0-12.0	40mL Vial with Stir Bar-Cool 4° C
25G0174-26	PCI-B-23_8.0-10.0	40mL Vial with Stir Bar-Cool 4° C
25G0174-42	PCI-B-18_4.0-6.0	40mL Vial with Stir Bar-Cool 4° C
25G0174-50	PCI-B-06_8.0-10.0	40mL 01_Clear Vial Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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.

Revision Description: This report has been revised to correct Field Duplicate Sample Types.

Field Chain-of-Custody Record

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YORK Project Number: 25G0174

Report To:	Invoice To:	YOUR Project Name / Number
Company: C.T. Male Associates	Company: C.T. Male Associates	HVRA - N. Hangar
Address: 50 Century Hill Drive Latham, NY 12110	Address: 50 Century Hill Drive Latham, NY 12110	18.8090
Phone.: (518) 786-7400	Phone.: (518) 786-7400	PO Number
Contact: Eric White	Contact: Eric White	18.8090 Task 230
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.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)

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

Samples Collected From: NY [X] CT [ ] NJ [ ] 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) [X]; PFAS Standard 7-10 Day [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) Part 375 PG+C SCOS

Preservative (please list number of containers)

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:	PFAS by 1633	TCL VOCs + 10 TICs	TCL SVOCs +20 TICs (including 1,4-Dioxane)	Pesticides	PCBs	TAL Metals	Cyanide			* Hold PFAS Sample for Analysis	* Hold TCL/TAL list for Analysis	Grab or Comp.
PCI-EB01-250701	07/01/25	0820	SW	X										X											G
PCI-EB02-250701		0825	SW	X										X											G
PCI-B-16_0.0-0.17		0840	S	X										X											G
PCI-B-16_0.17-1.0		0845	S	X										X											G
PCI-B-16_1.0-2.0		0855	S	X										X											G
PCI-B-16_8.0-9.5		0905	S	X		X							X	X	X	X	X	X	X	X			X		G
PCI-B-09_0.0-0.17		0920	S	X										X											G
PCI-B-09_0.17-1.0		0925	S	X										X											G
PCI-B-09_1.0-2.0		0930	S	X										X											G
PCI-B-09_8.0-9.5		0935	S	X		X							X	X	X	X	X	X	X	X					G
PCI-B-10_0.0-0.17		1000	S	X										X											G
PCI-B-10_0.17-1.0		1005	S	X										X											G
PCI-B-10_1.0-2.0		1010	S	X										X											G
PCI-B-10_8.0-10.0		1020	S	X										X									X		G
PCI-B-24_0.0-0.17		1020	S	X										X											G

Comments: *See Analysis Column for Samples to be held for analysis.

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

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
CTMale	7/2/25/0900	Chris C 7-2-25	9:00	Chris C 7-2-25	1450
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					7/2/25 1450 / 4.3 Degrees C

Field Chain-of-Custody Record

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YORK Project Number: 25G0174

Report To:	Invoice To:
Company: C.T. Male Associates	Company: C.T. Male Associates
Address: 50 Century Hill Drive Latham, NY 12110	Address: 50 Century Hill Drive Latham, NY 12110
Phone: (518) 786-7400	Phone: (518) 786-7400
Contact: Eric White	Contact: Eric White
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.com

YOUR Project Name / Number: HVRA - N. Hangar 18.8090

PO Number: 18.8090 Task 230

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) X; PFAS Standard 7-10 Day X

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

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/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:	PFAS by 1633	TCL VOCs +10 TICs	TCL SVOCs+20 TICs (including 1,4-Dioxane)	Pesticides	PCBs	TAL Metals	Cyanide			* Hold PFAS Sample for Analysis	* Hold TCL/TAL Sample for Analysis	Grab or Comp. G/C
PCI-B-24_0.17-1.0	07/01/25	1025	S	X																					G
PCI-B-24_1.0-2.0		1030		X																					G
PCI-B-24_8.0-10.0		1035		X		X							X	X	X	X	X	X	X	X					G
PCI-B-15_0.0-0.17		1100		X																					G
PCI-B-15_0.17-1.0		1105		X																					G
PCI-B-15_1.0-2.0		1110		X																					G
PCI-B-15_10.0-12.0		1115		X		X							X	X	X	X	X	X	X	X					G
PCI-B-23_0.0-0.17		1135		X																					G
PCI-B-23_0.17-1.0		1140		X																					G
PCI-B-23_1.0-2.0		1145		X																					G
PCI-B-23_8.0-10.0		1150		X		X							X	X	X	X	X	X	X	X					G
PCI-B-17_0.0-0.17		1200		X																					G
PCI-B-17_0.17-1.0		1205		X																					G
PCI-B-17_1.0-2.0		1210		X																					G
PCI-B-17_9.0-10.5		1215		X																			X		G

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day 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) Part 375 PG+C SCOs

Field Filtered; Lab Filtered

Comments: * See Analysis Column for samples to be held for analysis.

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

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature] / CTMale	7/2/25 0900	Chris C	7-2-25 9:00	Chris C	7-2-25 1450
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by: [signature]	Date/Time 7/2/25 1450 Temperature 4.3 Degrees C

Field Chain-of-Custody Record

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YORK Project Number: 25G0174

Report To:	Invoice To:
Company: C.T. Male Associates	Company: C.T. Male Associates
Address: 50 Century Hill Drive Latham, NY 12110	Address: 50 Century Hill Drive Latham, NY 12110
Phone: (518) 786-7400	Phone: (518) 786-7400
Contact: Eric White	Contact: Eric White
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.com

YOUR Project Name / Number: HVRA - N. Hangar 18.8090

PO Number: 18.8090 Task 230

Samples Collected From: NY X CT Other: (please specify)

Turn-Around Time: Standard (6-9 Day) X; PFAS Standard 7-10 Day X

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

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/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:	PFAS by 1633	TCL VOCs + 10 TICs	TCL SVOCs + 30 TICs (including 1,4-Dioxane)	Pesticides	PCBs	TAL Metals	Cyanide			*Hold PFAS Sample for Analysis	*Hold TCL/TAL list for Analysis	Grab or Comp. G/C
PCI-B-17_1.0-2.0 MS	07/01/25	1210	S	X										X											G
PCI-B-17_1.0-2.0 MSD		1210		X										X											G
PCI-B-21_0.0-0.17		1225		X										X											G
PCI-B-21_0.17-1.0		1230		X										X											G
PCI-B-21_1.0-2.0		1235		X										X											G
PCI-B-21_4.0-6.0		1240		X										X									X		G
PCI-B-04_0.0-0.17		1250		X										X											G
PCI-B-04_0.17-1.0		1255		X										X											G
PCI-B-04_1.0-2.0		1300		X										X											G
PCI-B-04_8.0-9.0		1305		X										X									X		G
PCI-B-18_0.0-0.17		1330		X										X											G
PCI-B-18_0.17-1.0		1335		X										X											G
PCI-B-18_1.0-2.0		1340		X										X											G
PCI-B-18_4.0-6.0		1345		X		X								X	X	X	X	X	X	X					G
PCI-B-13_0.0-0.17		1420		X										X											G

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) Part 375 PG+C SCOs

Field Filtered; Lab Filtered

Comments: * See Analysis Column for Samples to be held for analysis.

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

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
CTMale	7/2/25 0900	1. Chris C	7-2-25 9:00	2. Chris C	7-2-25 1450
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					7/2/25 1450 4.3 Degrees C

Field Chain-of-Custody Record

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Address: 50 Century Hill Drive Latham, NY 12110	Address: 50 Century Hill Drive Latham, NY 12110
Phone.: (518) 786-7400	Phone.: (518) 786-7400
Contact: Eric White	Contact: Eric White
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.com

YOUR Project Name / Number: HVRA - N. Hangar 18.8090

PO Number: 18.8090 Task 230

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) X; PFAS Standard 7-10 Day X

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

Samples Collected by: (print AND sign your name)

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

Preservative (please list number of containers)

Analyses Requested: PFAS by 1633; TCL VOCs + 10 TICs; TCL SVOCs + 20 TICs (including 1,4-Dioxane); Pesticides; PCBs; TAL Metals; Cyanide; * Hold PFAS Sample for analysis; * Hold TCL/TAL list for analysis

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:	Grab or Comp.
PCI-B-13_0.17-1.0	07/01/25	1425	S	X										G
PCI-B-13_1.0-2.0		1430		X										G
PCI-B-13_7.0-9.0		1435		X		X							X	G
PCI-B-06_0.0-0.17		1450		X										G
PCI-B-06_0.17-1.0		1455		X										G
PCI-B-06_1.0-2.0		1500		X										G
PCI-B-06_1.0-2.0 MS		1500		X										G
PCI-B-06_1.0-2.0 MSD		1500		X										G
PCI-B-06_8.0-10.0		1505		X		X							X	G
PCI-FD01-250701		—		X										G
PCI-FD02-250701		—		X										G

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

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

Regulatory Comparative: Compared to the following Regulation(s): (please fill in) Part 375 PG+C SCOs

Field Filtered; Lab Filtered

Comments: * See Analysis Column for Samples to be held for analysis.

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

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
CTMale	7/2/25/0900	1. Chris C 7-2-25	9:00	2. Chris C 7-2-25	1450
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time: 7/2/25 1450 Temperature: 4.3 Degrees C

Technical Report

prepared for:

C.T. Male Associates, D.P.C.
50 Century Hill Dr.
Latham NY/USA, 12110
Attention: Eric White

Report Date: 07/14/2025
Client Project ID: HVRA-N. Hangar 18.8090
York Project (SDG) No.: 25G0101

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: 07/14/2025
Client Project ID: HVRA-N. Hangar 18.8090
York Project (SDG) No.: 25G0101

C.T. Male Associates, D.P.C.
50 Century Hill Dr.
Latham NY/USA, 12110
Attention: Eric White

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 July 01, 2025 and listed below. The project was identified as your project: **HVRA-N. Hangar 18.8090**.

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
25G0101-01	PCI-EB01-250630	Water	06/30/2025	07/01/2025
25G0101-02	PCI-EB02-250630	Water	06/30/2025	07/01/2025
25G0101-03	PCI-B-25_0.0-0.17	Soil	06/30/2025	07/01/2025
25G0101-04	PCI-B-25_0.17-1.0	Soil	06/30/2025	07/01/2025
25G0101-05	PCI-B-25_1.0-2.0	Soil	06/30/2025	07/01/2025
25G0101-07	PCI-B-27_0.0-0.17	Soil	06/30/2025	07/01/2025
25G0101-08	PCI-B-27_0.17-1.0	Soil	06/30/2025	07/01/2025
25G0101-09	PCI-B-27_1.0-2.0	Soil	06/30/2025	07/01/2025
25G0101-10	PCI-B-27_8.0-10.0	Soil	06/30/2025	07/01/2025
25G0101-11	PCI-B-28_0.0-0.17	Soil	06/30/2025	07/01/2025
25G0101-12	PCI-B-28_0.17-1.0	Soil	06/30/2025	07/01/2025
25G0101-13	PCI-B-28_1.0-2.0	Soil	06/30/2025	07/01/2025
25G0101-14	PCI-B-28_6.0-7.5	Soil	06/30/2025	07/01/2025
25G0101-15	PCI-B-29_0.0-0.17	Soil	06/30/2025	07/01/2025
25G0101-16	PCI-B-29_0.17-1.0	Soil	06/30/2025	07/01/2025
25G0101-17	PCI-B-29_1.0-2.0	Soil	06/30/2025	07/01/2025
25G0101-19	PCI-B-20_0.0-0.17	Soil	06/30/2025	07/01/2025
25G0101-20	PCI-B-20_0.17-1.0	Soil	06/30/2025	07/01/2025
25G0101-21	PCI-B-20_1.0-2.0	Soil	06/30/2025	07/01/2025
25G0101-23	PCI-FD01-250630	Soil	06/30/2025	07/01/2025

General Notes for York Project (SDG) No.: 25G0101

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: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 07/14/2025

Sample Information

Client Sample ID: PCI-EB01-250630 **York Sample ID:** 25G0101-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Water	June 30, 2025 10:25 am	07/01/2025

Q_P_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	07/10/2025 12:10	07/14/2025 13:51	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.346	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.702	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.672	1.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.415	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.810	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.514	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.741	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.12	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.870	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.731	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.682	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.781	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.227	3.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.870	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.899	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.30	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.41	7.51	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.03	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.326	7.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.494	3.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/10/2025 12:10	07/14/2025 13:51	AM

Sample Information

Client Sample ID: PCI-EB01-250630 **York Sample ID:** 25G0101-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Water	June 30, 2025 10:25 am	07/01/2025

Q_P_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	2.11	3.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/10/2025 12:10	07/14/2025 13:51	AM
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	07/10/2025 12:10	07/14/2025 13:51	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.366	3.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/10/2025 12:10	07/14/2025 13:51	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.751	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
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	07/10/2025 12:10	07/14/2025 13:51	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.19	7.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.36	7.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.692	7.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
919005-14-4	ADONA	ND		ng/L	0.524	7.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.919	1.92	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 13:51	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.850	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/10/2025 12:10	07/14/2025 13:51	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.01	4.94	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 13:51	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.24	24.7	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 13:51	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.36	24.7	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 13:51	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.94	19.8	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 13:51	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.56	1.98	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 13:51	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.94	19.8	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 13:51	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.78	1.98	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 13:51	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*109 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*113 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*84.0 %*	*25-150*

Sample Information

Client Sample ID: PCI-EB01-250630 **York Sample ID:** 25G0101-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Water	June 30, 2025 10:25 am	07/01/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*64.8 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*43.1 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.85 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*116 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*44.9 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*121 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*69.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*76.3 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*176 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*117 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*109 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*150 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*87.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*84.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*51.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*56.1 %*			*25-150*						

Sample Information

Client Sample ID: PCI-EB02-250630 **York Sample ID:** 25G0101-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Water	June 30, 2025 10:30 am	07/01/2025

Q_P_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	0.467	1.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.348	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.706	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.676	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM

Sample Information

Client Sample ID: PCI-EB02-250630 **York Sample ID:** 25G0101-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Water	June 30, 2025 10:30 am	07/01/2025

Q_P_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	0.417	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.815	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.517	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.746	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.12	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.875	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.736	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.686	1.99	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.785	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.229	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.875	1.99	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.905	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.31	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.46	7.55	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.04	7.63	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.328	7.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.497	3.54	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/10/2025 12:10	07/14/2025 14:03	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.13	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/10/2025 12:10	07/14/2025 14:03	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.249	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/10/2025 12:10	07/14/2025 14:03	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.368	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/10/2025 12:10	07/14/2025 14:03	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.755	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.78	7.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM

Sample Information

Client Sample ID: PCI-EB02-250630 **York Sample ID:** 25G0101-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Water	June 30, 2025 10:30 am	07/01/2025

Q_P_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	3.21	7.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.37	7.51	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.696	7.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
919005-14-4	ADONA	ND		ng/L	0.527	7.51	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.924	1.93	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 14:03	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.855	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/10/2025 12:10	07/14/2025 14:03	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.02	4.97	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 14:03	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.29	24.9	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 14:03	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.41	24.9	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 14:03	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.97	19.9	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 14:03	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.57	1.99	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 14:03	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.97	19.9	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 14:03	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.79	1.99	1	EPA 1633 Draft 3 Certifications:	07/10/2025 12:10	07/14/2025 14:03	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*112 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*120 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*115 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*82.1 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*60.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*45.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*27.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.93 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*81.6 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*46.3 %*		*25-150*

Sample Information

Client Sample ID: PCI-EB02-250630 **York Sample ID:** 25G0101-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Water	June 30, 2025 10:30 am	07/01/2025

Q_P_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
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*111 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*47.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*47.9 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*164 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*101 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*109 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*164 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*68.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*56.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*110 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*46.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*52.0 %*			*25-150*						

Sample Information

Client Sample ID: PCI-B-25_0.0-0.17 **York Sample ID:** 25G0101-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 12:10 pm	07/01/2025

Q_P_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	0.114	0.182	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0544	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.184	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.177	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.171	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.194	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.196	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM

Sample Information

Client Sample ID: PCI-B-25_0.0-0.17 **York Sample ID:** 25G0101-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 12:10 pm	07/01/2025

Q_P_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		ug/kg dry	0.167	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.128	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.152	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.199	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.112	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.150	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.159	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.196	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.770	0.780	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.775	0.788	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.112	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.143	0.365	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:10	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.198	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:10	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0637	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:10	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0986	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:10	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.161	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.611	0.770	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.624	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.319	0.776	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.253	0.768	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.179	0.776	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM

Sample Information

Client Sample ID: PCI-B-25_0.0-0.17 **York Sample ID:** 25G0101-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 12:10 pm	07/01/2025

Q_P_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		ug/kg dry	0.174	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:10	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.127	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:10	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.651	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:10	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.15	5.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:10	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.54	5.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:10	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.627	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:10	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.185	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:10	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.716	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:10	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:10	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*96.2 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*91.0 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*107 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*104 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*98.0 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*92.3 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.7 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*72.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.5 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*92.8 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*103 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*74.6 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*80.1 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*81.3 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*88.7 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*139 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*105 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*91.6 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-25_0.0-0.17 **York Sample ID:** 25G0101-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 12:10 pm	07/01/2025

Q_P_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
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*112 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*63.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*57.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*89.3 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*49.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*47.3 %*			*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**	**96.8**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-25_0.17-1.0 **York Sample ID:** 25G0101-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 12:15 pm	07/01/2025

Q_P_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	0.115	0.183	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:23	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0547	0.207	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.207	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.185	0.189	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:23	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.178	0.207	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.172	0.192	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.207	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.207	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-25_0.17-1.0 **York Sample ID:** 25G0101-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 12:15 pm	07/01/2025

Q_P_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
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.204	0.207	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.207	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.207	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.207	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.153	0.207	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.207	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.413	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.151	0.207	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NJDEP-NY037	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.207	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NJDEP-NY037	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NJDEP-NY037	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.774	0.785	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NJDEP-NY037	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.780	0.793	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.826	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.368	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.199	0.413	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0640	0.413	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0991	0.413	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NJDEP-NY037	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.614	0.774	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NJDEP-NY037	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.628	0.826	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NJDEP-NY037	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.321	0.781	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NJDEP-NY037	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.254	0.772	1	EPA 1633 Draft 3 Certifications:	07/06/2025 13:56	07/09/2025 04:23 NELAC-NH2097 ,NJDEP-NY037	AM

Sample Information

Client Sample ID: PCI-B-25_0.17-1.0 **York Sample ID:** 25G0101-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 12:15 pm	07/01/2025

Q_P_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		ug/kg dry	0.180	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:23	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:23	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:23	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.655	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:23	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.17	5.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:23	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.55	5.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:23	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.631	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:23	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:23	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.720	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:23	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.204	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:23	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*108 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*111 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*129 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*121 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*109 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*103 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*83.2 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*60.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.8 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*114 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*95.9 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*91.5 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*87.8 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*66.9 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*75.8 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*138 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*94.8 %*	*25-200*

Sample Information

Client Sample ID: PCI-B-25_0.17-1.0 **York Sample ID:** 25G0101-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 12:15 pm	07/01/2025

Q_P_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
13C9PFNA	*Surrogate: M9PFNA*	*99.7 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*137 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*60.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*57.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*107 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*51.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*50.8 %*			*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**	**96.5**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-25_1.0-2.0 **York Sample ID:** 25G0101-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 12:25 pm	07/01/2025

Q_P_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	0.115	0.184	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:35	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0551	0.208	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.208	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.186	0.190	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:35	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.179	0.208	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.173	0.193	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.196	0.208	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:35	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-25_1.0-2.0 **York Sample ID:** 25G0101-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 12:25 pm	07/01/2025

Q_P_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	0.198	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.169	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.130	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.107	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.154	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.202	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.152	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.198	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.779	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.784	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.370	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:35	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.200	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:35	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0644	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:35	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0997	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:35	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.163	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.618	0.779	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.632	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.323	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM

Sample Information

Client Sample ID: PCI-B-25_1.0-2.0 **York Sample ID:** 25G0101-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 12:25 pm	07/01/2025

Q_P_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	0.256	0.777	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.181	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.176	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:35	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.129	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:35	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.659	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:35	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.18	5.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:35	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.56	5.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:35	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.635	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:35	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:35	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.724	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:35	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:35	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*102 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*123 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*111 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*97.9 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*99.3 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*75.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*68.0 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*109 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*110 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*86.7 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*92.0 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*80.0 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*97.5 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-25_1.0-2.0 **York Sample ID:** 25G0101-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 12:25 pm	07/01/2025

Q_P_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
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*127 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*104 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*102 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*123 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*83.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*75.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*99.3 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*61.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*59.1 %*			*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**	**95.7**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-27_0.0-0.17 **York Sample ID:** 25G0101-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:30 am	07/01/2025

Q_P_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	0.115	0.184	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0550	0.208	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.208	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.186	0.190	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.179	0.208	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.173	0.193	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 04:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-27_0.0-0.17 **York Sample ID:** 25G0101-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:30 am	07/01/2025

Q_P_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)	ND		ug/kg dry	0.196	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.198	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.205	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.169	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.130	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.107	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.154	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.201	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.152	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.198	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.778	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.784	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.369	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:47	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.200	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:47	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0643	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:47	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0996	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:47	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.163	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.618	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.631	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM

Sample Information

Client Sample ID: PCI-B-27_0.0-0.17 **York Sample ID:** 25G0101-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:30 am	07/01/2025

Q_P_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
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.323	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.255	0.776	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.181	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:47	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.129	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 04:47	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.658	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:47	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.18	5.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:47	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.56	5.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:47	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.634	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:47	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:47	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.723	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:47	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.205	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 04:47	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*96.2 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*88.5 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*108 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*101 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*105 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*95.7 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*71.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.6 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*52.7 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*113 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*72.2 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*84.2 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-27_0.0-0.17 **York Sample ID:** 25G0101-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:30 am	07/01/2025

Q_P_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
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*106 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*122 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*98.8 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*94.2 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*113 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*50.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*85.2 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*48.7 %*			*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**	**96.0**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-27_0.17-1.0 **York Sample ID:** 25G0101-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:35 am	07/01/2025

Q_P_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	07/06/2025 13:56	07/09/2025 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0570	0.215	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.215	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.197	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.215	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-27_0.17-1.0 **York Sample ID:** 25G0101-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:35 am	07/01/2025

Q_P_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
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.180	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.209	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.807	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.813	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.383	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:00	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.208	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:00	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0667	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:00	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:00	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.640	0.807	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM

Sample Information

Client Sample ID: PCI-B-27_0.17-1.0 **York Sample ID:** 25G0101-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:35 am	07/01/2025

Q_P_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		ug/kg dry	0.654	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.335	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.265	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.182	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:00	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:00	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.682	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:00	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.26	5.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:00	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:00	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.658	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:00	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.194	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:00	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.750	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:00	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:00	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*101 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*99.3 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*119 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*110 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*101 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*91.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*69.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*54.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*5.43 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*108 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*64.4 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-27_0.17-1.0 **York Sample ID:** 25G0101-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:35 am	07/01/2025

Q_P_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
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*87.4 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*78.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*85.5 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*133 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*107 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*98.6 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*126 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*80.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*94.0 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*51.3 %*			*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**	**92.2**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-27_1.0-2.0 **York Sample ID:** 25G0101-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:40 am	07/01/2025

Q_P_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	0.124	0.198	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 05:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0593	0.224	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 05:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.224	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 05:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.205	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 05:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-27_1.0-2.0 **York Sample ID:** 25G0101-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:40 am	07/01/2025

Q_P_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	0.193	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.214	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.840	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.845	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.896	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.399	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:12	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.216	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:12	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0694	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:12	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:12	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM

Sample Information

Client Sample ID: PCI-B-27_1.0-2.0 **York Sample ID:** 25G0101-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:40 am	07/01/2025

Q_P_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	0.666	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.681	0.896	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.348	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.275	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:12	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:12	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.710	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:12	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.35	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:12	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:12	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.684	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:12	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:12	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.780	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:12	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:12	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*117 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*109 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*115 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*98.6 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.4 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*70.9 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*3.28 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*99.6 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-27_1.0-2.0 **York Sample ID:** 25G0101-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:40 am	07/01/2025

Q_P_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
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*66.2 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*93.2 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*69.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*76.9 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*148 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*106 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*100 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*148 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*72.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*69.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*59.4 %*			*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**	**89.5**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-27_8.0-10.0 **York Sample ID:** 25G0101-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:45 am	07/01/2025

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0019	0.0038	1	EPA 8260D	07/03/2025 09:22	07/03/2025 17:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	07/03/2025 09:22	07/03/2025 17:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	07/03/2025 09:22	07/03/2025 17:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			

Sample Information

Client Sample ID: PCI-B-27_8.0-10.0 **York Sample ID:** 25G0101-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:45 am	07/01/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.076	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: PCI-B-27_8.0-10.0 **York Sample ID:** 25G0101-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:45 am	07/01/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0038	0.0076	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	ICVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: PCI-B-27_8.0-10.0 **York Sample ID:** 25G0101-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:45 am	07/01/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0095	0.019	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: PCI-B-27_8.0-10.0 **York Sample ID:** 25G0101-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:45 am	07/01/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/03/2025 09:22	07/03/2025 17:54	PRS

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE	mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-27_8.0-10.0 **York Sample ID:** 25G0101-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:45 am	07/01/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:40	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 23:40	SS
98-86-2	Acetophenone	ND	CCVE	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:40	SS
62-53-3	Aniline	ND		mg/kg dry	0.186	0.372	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:40	SS

Sample Information

Client Sample ID: PCI-B-27_8.0-10.0 **York Sample ID:** 25G0101-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:45 am	07/01/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.186	0.372	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: PCI-B-27_8.0-10.0 **York Sample ID:** 25G0101-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:45 am	07/01/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.186	0.372	2	EPA 8270E Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*36.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*32.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*45.1 %*	*21-113*

Sample Information

Client Sample ID: PCI-B-27_8.0-10.0 **York Sample ID:** 25G0101-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:45 am	07/01/2025

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.4 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

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/kg	6.64	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/03/2025 13:33	07/07/2025 12:17	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*39-127.5*

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**9-Octadecenamide isomer RT1...**	**1180**	J	ug/kg dry			2	EPA 8270D Certifications:	07/07/2025 08:41	07/07/2025 23:40	SS

Pesticides, 8081 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/06/2025 08:00	07/07/2025 12:21	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/06/2025 08:00	07/07/2025 12:21	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/06/2025 08:00	07/07/2025 12:21	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/06/2025 08:00	07/07/2025 12:21	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/06/2025 08:00	07/07/2025 12:21	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	07/06/2025 08:00	07/07/2025 12:21	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/06/2025 08:00	07/07/2025 12:21	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/06/2025 08:00	07/07/2025 12:21	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/06/2025 08:00	07/07/2025 12:21	RJ

Sample Information

Client Sample ID: PCI-B-27_8.0-10.0 **York Sample ID:** 25G0101-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:45 am	07/01/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:21	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00184	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.184	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0368	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:21	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.1 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	07/06/2025 07:58	07/07/2025 19:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	07/06/2025 07:58	07/07/2025 19:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	07/06/2025 07:58	07/07/2025 19:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	07/06/2025 07:58	07/07/2025 19:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	07/06/2025 07:58	07/07/2025 19:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PCI-B-27_8.0-10.0 **York Sample ID:** 25G0101-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:45 am	07/01/2025

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	07/06/2025 07:58	07/07/2025 19:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	07/06/2025 07:58	07/07/2025 19:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	07/06/2025 07:58	07/07/2025 19:50	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**19100**		mg/kg dry	4.66	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.67**		mg/kg dry	1.40	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**54.7**		mg/kg dry	2.33	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.557**		mg/kg dry	0.047	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.289**		mg/kg dry	0.279	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**1310**		mg/kg dry	4.66	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**16.0**		mg/kg dry	0.466	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**13.6**		mg/kg dry	0.372	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**30.6**		mg/kg dry	1.86	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**36300**		mg/kg dry	23.3	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**13.5**		mg/kg dry	0.466	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**6790**		mg/kg dry	4.66	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**708**		mg/kg dry	0.466	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PCI-B-27_8.0-10.0 **York Sample ID:** 25G0101-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 11:45 am	07/01/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**28.0**		mg/kg dry	0.928	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1330**		mg/kg dry	4.66	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.469	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	46.6	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.87	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.1**		mg/kg dry	0.928	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**75.4**		mg/kg dry	2.32	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0579**		mg/kg dry	0.0335	1	EPA 7473	07/03/2025 11:26	07/03/2025 14:33	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.559	1	EPA 9014/9010C	07/03/2025 09:12	07/03/2025 14:17	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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**	**89.5**		%	0.100	1	SM 2540G	07/03/2025 11:20	07/03/2025 11:45	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-B-28_0.0-0.17 **York Sample ID:** 25G0101-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:40 pm	07/01/2025

Q_P_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	0.115	0.184	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0551	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.186	0.190	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.179	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.899**		ug/kg dry	0.174	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND						ELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND						ELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND						ELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND						ELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND						ELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND						Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.154	0.208	1	Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.202	0.208	1	Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.416	1	Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.152	0.208	1	Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.161	0.208	1	Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.199	0.201	1	Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.780	0.790	1	Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.785	0.798	1	Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.312**	J	ug/kg dry	0.113	0.831	1	Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.370	1	Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:24	AM

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

Sample Information

Client Sample ID: PCI-B-28_0.0-0.17 **York Sample ID:** 25G0101-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:40 pm	07/01/2025

Q_P_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	PF-CCV-L	ug/kg dry	0.201	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:24	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0644	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:24	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0998	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:24	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.163	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.618	0.780	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.632	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
763051-92-9	* 11CL-PF3OUdS	ND						ELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
756426-58-1	* 9CL-PF3ONS	ND						ELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
919005-14-4	* ADONA	ND						ELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND						ELAC-NH2097	07/06/2025 13:56	07/09/2025 05:24	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND						ELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:24	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.659	1.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:24	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.18	5.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:24	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.56	5.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:24	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.635	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:24	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:24	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.724	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:24	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:24	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*124 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*104 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*118 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*115 %*	*25-150*

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

Sample Information

Client Sample ID: PCI-B-28_0.0-0.17 **York Sample ID:** 25G0101-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:40 pm	07/01/2025

Q_P_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*	*117 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*92.5 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*73.2 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*104 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*118 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*87.4 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*94.4 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*116 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*134 %*									
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*182 %*									
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*156 %*									
13C9PFNA	*Surrogate: M9PFNA*	*112 %*									
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*159 %*									
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.2 %*									
936109-40-9	*Surrogate: d-N-EtFOSA*	*73.9 %*									
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*									
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*65.8 %*									
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*62.7 %*			*25-150*						

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

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**	**96.2**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-28_0.17-1.0 **York Sample ID:** 25G0101-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:45 pm	07/01/2025

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

Sample Information

Client Sample ID: PCI-B-28_0.17-1.0 **York Sample ID:** 25G0101-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:45 pm	07/01/2025

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	0.117	0.186	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0558	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.188	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.208	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.204	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.790	0.800	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.795	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.842	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.375	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:36	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.203	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:36	AM

Sample Information

Client Sample ID: PCI-B-28_0.17-1.0 **York Sample ID:** 25G0101-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:45 pm	07/01/2025

Q_P_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	PF-LCS-L	ug/kg dry	0.0653	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:36	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:36	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.626	0.790	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.640	0.842	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.327	0.796	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.259	0.787	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.796	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:36	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:36	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.667	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:36	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.21	5.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:36	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:36	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.643	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:36	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.189	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:36	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.734	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:36	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.208	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:36	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*107 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*106 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*120 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*119 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-28_0.17-1.0 **York Sample ID:** 25G0101-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:45 pm	07/01/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*75.2 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.7 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*101 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*108 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*90.3 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*89.0 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*83.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*94.9 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*146 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*107 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*108 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*136 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*72.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*68.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*111 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*53.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*54.5 %*			*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**	**94.8**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-28_1.0-2.0 **York Sample ID:** 25G0101-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:50 pm	07/01/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-28_1.0-2.0 **York Sample ID:** 25G0101-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:50 pm	07/01/2025

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	0.117	0.186	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0557	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.188	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.204	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.789	0.799	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.794	0.807	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.374	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:49	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.203	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:49	AM

Sample Information

Client Sample ID: PCI-B-28_1.0-2.0 **York Sample ID:** 25G0101-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:50 pm	07/01/2025

Q_P_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	PF-LCS-L	ug/kg dry	0.0652	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:49	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:49	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.626	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.639	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.327	0.795	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.259	0.786	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.795	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:49	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.130	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 05:49	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.667	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:49	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.21	5.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:49	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:49	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.642	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:49	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:49	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.733	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:49	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 05:49	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*106 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*114 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*131 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*121 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*120 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*101 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.8 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-28_1.0-2.0 **York Sample ID:** 25G0101-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:50 pm	07/01/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*67.8 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*59.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*94.2 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*112 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*93.8 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*103 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*79.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*84.4 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*145 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*119 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*106 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*143 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*89.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*59.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*111 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*56.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*57.1 %*			*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**	**95.3**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PRS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PRS

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	ICVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.013	0.025	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260D Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/03/2025 09:22	07/03/2025 18:21	PRS

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 00:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE	mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 00:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 00:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 00:11	SS NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 00:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 00:11	SS NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 00:11	SS NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 00:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 00:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41	07/08/2025 00:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 00:11	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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	CCVE	mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 00:11	SS
62-53-3	Aniline	ND		mg/kg dry	0.200	0.401	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 00:11	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 00:11	SS
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 00:11	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.200	0.401	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/08/2025 00:11	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 00:11	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 00:11	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 00:11	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 00:11	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
98-95-3	Nitrobenzene	ND	CCVE	mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
108-95-2	Phenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.200	0.401	2	EPA 8270E Certifications:	07/07/2025 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/08/2025 00:11	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*45.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*35.5 %*	*23-114*

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

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*	*30.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*45.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.2 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

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/kg	6.58	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/03/2025 13:33	07/07/2025 12:32	SS

CAS No.	Surrogate Recoveries	Result	Flag	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*128 %*	S-HI	*39-127.5*

Q_P_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	0.133	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0637	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.126	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.215	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.207	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.201	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.227	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.229	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.238	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.196	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.150	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.124	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Q_P_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
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.178	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.233	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.131	0.481	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.175	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.186	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.229	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.901	0.913	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.907	0.923	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.131	0.961	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.167	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:01	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.232	0.481	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:01	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0745	0.481	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:01	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.115	0.481	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:01	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.189	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.715	0.901	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.730	0.961	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.374	0.908	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.296	0.899	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.209	0.908	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.203	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:01	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.149	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:01	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.762	1.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:01	AM

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Q_P_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
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.52	6.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:01	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.80	6.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:01	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.734	2.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:01	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.216	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:01	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.837	2.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:01	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.238	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:01	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*123 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*107 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*127 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*120 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*112 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*95.8 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*71.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.9 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*114 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*112 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*92.5 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*98.0 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*86.2 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*100 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*169 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*120 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*109 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*146 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*77.3 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*67.9 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*50.5 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*49.7 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**9-Octadecenamide isomer RT1...**	**1120**	J	ug/kg dry			2	EPA 8270D Certifications:	07/07/2025 08:41	07/08/2025 00:11	SS

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 NELAC-NY10854,NJDEP-CT005	07/07/2025 12:36	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854	07/07/2025 12:36	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 NELAC-NY10854,NJDEP-CT005	07/07/2025 12:36	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	07/06/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	07/07/2025 12:36	RJ

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00196	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.196	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0392	5	EPA 8081B	07/06/2025 08:00	07/07/2025 12:36	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.1 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A	07/06/2025 07:58	07/07/2025 20:04	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**20500**		mg/kg dry	5.01	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.51	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**6.62**		mg/kg dry	1.50	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**57.5**		mg/kg dry	2.50	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.505**		mg/kg dry	0.051	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.301	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**829**		mg/kg dry	5.02	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**17.6**		mg/kg dry	0.502	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**11.4**		mg/kg dry	0.401	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**24.8**		mg/kg dry	2.01	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**29000**		mg/kg dry	25.1	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**11.9**		mg/kg dry	0.502	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**5490**		mg/kg dry	5.02	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**549**		mg/kg dry	0.502	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**23.1**		mg/kg dry	0.999	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1160**		mg/kg dry	5.02	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.51	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.506	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	50.2	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.01	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.0**		mg/kg dry	0.999	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**66.7**		mg/kg dry	2.50	1	EPA 6010D	07/03/2025 14:37	07/07/2025 11:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-28_6.0-7.5 **York Sample ID:** 25G0101-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:10 pm	07/01/2025

Sample Prepared by Method: EPA 7473 soil

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/kg dry	0.0361	1	EPA 7473	07/03/2025 11:26	07/03/2025 14:33	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.602	1	EPA 9014/9010C	07/03/2025 09:12	07/03/2025 14:17	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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**	**83.1**		%	0.100	1	SM 2540G	07/03/2025 11:20	07/03/2025 11:45	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-B-29_0.0-0.17 **York Sample ID:** 25G0101-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:20 pm	07/01/2025

Q_P_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	0.124	0.197	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 06:38	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0865**	J	ug/kg dry	0.0591	0.223	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 06:38	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.125**	J	ug/kg dry	0.117	0.223	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 06:38	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.204	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 06:38	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.401**		ug/kg dry	0.192	0.223	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 06:38	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.354**		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 06:38	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PCI-B-29_0.0-0.17 **York Sample ID:** 25G0101-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:20 pm	07/01/2025

Q_P_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)	ND		ug/kg dry	0.211	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.221**	J	ug/kg dry	0.122	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.836	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.842	0.856	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.395**	J	ug/kg dry	0.122	0.892	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.397	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:38	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.215	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:38	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0691	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:38	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:38	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.663	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.678	0.892	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM

Sample Information

Client Sample ID: PCI-B-29_0.0-0.17 **York Sample ID:** 25G0101-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:20 pm	07/01/2025

Q_P_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
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.347	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.274	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:38	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:38	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.707	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:38	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.34	5.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:38	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:38	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.681	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:38	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:38	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.777	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:38	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:38	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*111 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*135 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*117 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*110 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*107 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*90.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*99.5 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*120 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*94.2 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*105 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-29_0.0-0.17 **York Sample ID:** 25G0101-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:20 pm	07/01/2025

Q_P_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
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*127 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*149 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*190 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*168 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*112 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*155 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*61.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*79.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*66.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*64.2 %*			*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**	**89.7**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-29_0.17-1.0 **York Sample ID:** 25G0101-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:25 pm	07/01/2025

Q_P_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	0.123	0.196	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 06:50	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0588	0.222	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 06:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.222	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 06:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.203	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 06:50	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 06:50	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-29_0.17-1.0 **York Sample ID:** 25G0101-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:25 pm	07/01/2025

Q_P_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
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.215	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.832	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.838	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.888	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.395	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:50	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.214	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:50	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0688	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:50	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:50	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.660	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM

Sample Information

Client Sample ID: PCI-B-29_0.17-1.0 **York Sample ID:** 25G0101-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:25 pm	07/01/2025

Q_P_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		ug/kg dry	0.675	0.888	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.345	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.273	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:50	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 06:50	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.703	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:50	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.33	5.55	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:50	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.55	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:50	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.678	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:50	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:50	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.773	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:50	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 06:50	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*122 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*116 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*133 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*135 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*125 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*118 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*111 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*92.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*70.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.68 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*124 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*67.3 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-29_0.17-1.0 **York Sample ID:** 25G0101-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:25 pm	07/01/2025

Q_P_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
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*112 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*106 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*123 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*165 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*135 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*158 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*99.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*76.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*111 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*63.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.7 %*			*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**	**89.8**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-29_1.0-2.0 **York Sample ID:** 25G0101-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:30 pm	07/01/2025

Q_P_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	07/06/2025 13:56	07/09/2025 07:15	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	07/06/2025 13:56	07/09/2025 07:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.214	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 07:15	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	07/06/2025 13:56	07/09/2025 07:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-29_1.0-2.0 **York Sample ID:** 25G0101-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:30 pm	07/01/2025

Q_P_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	0.184	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	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	07/06/2025 13:56	07/09/2025 07:15	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	07/06/2025 13:56	07/09/2025 07:15	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	07/06/2025 13:56	07/09/2025 07:15	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	07/06/2025 13:56	07/09/2025 07:15	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	07/06/2025 13:56	07/09/2025 07:15	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	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	07/06/2025 13:56	07/09/2025 07:15	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	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	07/06/2025 13:56	07/09/2025 07:15	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	07/06/2025 13:56	07/09/2025 07:15	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.804	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.809	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.382	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:15	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.207	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:15	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0665	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:15	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:15	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	AM

Sample Information

Client Sample ID: PCI-B-29_1.0-2.0 **York Sample ID:** 25G0101-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:30 pm	07/01/2025

Q_P_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	0.638	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.652	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.333	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.264	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:15	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:15	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	07/06/2025 13:56	07/09/2025 07:15	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.680	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:15	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.25	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:15	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:15	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.655	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:15	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:15	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.747	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:15	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:15	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*106 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*105 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*121 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*105 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*108 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*96.4 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*93.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*74.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*63.6 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*32.7 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*108 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-29_1.0-2.0 **York Sample ID:** 25G0101-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 1:30 pm	07/01/2025

Q_P_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
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*87.6 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*103 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*90.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*102 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*137 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*105 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*99.3 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*134 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*72.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*77.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*63.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*64.6 %*			*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**	**92.7**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-20_0.0-0.17 **York Sample ID:** 25G0101-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:55 pm	07/01/2025

Q_P_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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-20_0.0-0.17 **York Sample ID:** 25G0101-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:55 pm	07/01/2025

Q_P_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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	AM
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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0684	0.441	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	AM

Sample Information

Client Sample ID: PCI-B-20_0.0-0.17 **York Sample ID:** 25G0101-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:55 pm	07/01/2025

Q_P_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
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.343	0.833	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:27	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.271	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:27	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.833	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:27	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	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	07/06/2025 13:56	07/09/2025 07:27	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.674	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:27	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:27	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.768	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:27	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:27	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*107 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*98.0 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*121 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*105 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*95.4 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*91.8 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*72.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.3 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-20_0.0-0.17 **York Sample ID:** 25G0101-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 2:55 pm	07/01/2025

Q_P_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 acid (MPFBA)*	*10.9 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*106 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*81.2 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*84.1 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*82.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*88.9 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*133 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*112 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*102 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*131 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*79.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*71.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*90.4 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*52.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*50.4 %*			*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**	**89.8**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-20_0.17-1.0 **York Sample ID:** 25G0101-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 3:00 pm	07/01/2025

Q_P_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	0.120	0.191	1	EPA 1633 Draft 3	07/06/2025 13:56	07/09/2025 07:39	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-20_0.17-1.0 **York Sample ID:** 25G0101-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 3:00 pm	07/01/2025

Q_P_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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0571	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.180	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.213	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.209	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.809	0.819	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.814	0.828	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.863	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.384	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:39	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.208	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:39	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0668	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:39	AM

Sample Information

Client Sample ID: PCI-B-20_0.17-1.0 **York Sample ID:** 25G0101-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 3:00 pm	07/01/2025

Q_P_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		ug/kg dry	0.104	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:39	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.642	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.656	0.863	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.335	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.265	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.182	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:39	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:39	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.684	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:39	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.26	5.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:39	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.62	5.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:39	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.659	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:39	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:39	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.751	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:39	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:39	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*95.0 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*94.1 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*115 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*104 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*101 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*90.7 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*66.5 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-20_0.17-1.0 **York Sample ID:** 25G0101-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 3:00 pm	07/01/2025

Q_P_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
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.4 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.99 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*103 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*63.0 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*100 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*71.0 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*82.3 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*116 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*101 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*91.2 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*118 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*90.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*73.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*92.6 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*65.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.5 %*			*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**	**91.8**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-20_1.0-2.0 **York Sample ID:** 25G0101-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 3:05 pm	07/01/2025

Q_P_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

Sample Information

Client Sample ID: PCI-B-20_1.0-2.0 **York Sample ID:** 25G0101-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 3:05 pm	07/01/2025

Q_P_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	0.189	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0566	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	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	07/06/2025 13:56	07/09/2025 07:51	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	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	07/06/2025 13:56	07/09/2025 07:51	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	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	07/06/2025 13:56	07/09/2025 07:51	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	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	07/06/2025 13:56	07/09/2025 07:51	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	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	07/06/2025 13:56	07/09/2025 07:51	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	07/06/2025 13:56	07/09/2025 07:51	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	07/06/2025 13:56	07/09/2025 07:51	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	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	07/06/2025 13:56	07/09/2025 07:51	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	07/06/2025 13:56	07/09/2025 07:51	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.801	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.807	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.855	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.380	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:51	AM

Sample Information

Client Sample ID: PCI-B-20_1.0-2.0 **York Sample ID:** 25G0101-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 3:05 pm	07/01/2025

Q_P_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		ug/kg dry	0.206	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:51	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0662	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:51	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:51	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	07/06/2025 13:56	07/09/2025 07:51	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.636	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.650	0.855	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.332	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.263	0.799	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:51	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 07:51	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.677	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:51	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.24	5.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:51	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:51	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.653	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:51	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:51	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.745	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:51	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 07:51	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*98.2 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*97.6 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*118 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*101 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*90.8 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-20_1.0-2.0 **York Sample ID:** 25G0101-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 3:05 pm	07/01/2025

Q_P_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*	*90.7 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*62.7 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*52.2 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*3.19 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*97.2 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*69.2 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*87.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*67.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*70.4 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*120 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*98.2 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*94.3 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*117 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*65.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*97.2 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*50.3 %*			*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**	**93.8**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-FD01-250630 **York Sample ID:** 25G0101-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 3:00 pm	07/01/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-FD01-250630 **York Sample ID:** 25G0101-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 3:00 pm	07/01/2025

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	0.120	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0575	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.186	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.813	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.818	0.833	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.386	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:04	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:04	AM

Sample Information

Client Sample ID: PCI-FD01-250630 **York Sample ID:** 25G0101-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 3:00 pm	07/01/2025

Q_P_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	0.0672	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:04	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:04	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.645	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.659	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.337	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.267	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:04	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/06/2025 13:56	07/09/2025 08:04	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.687	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:04	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.27	5.42	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:04	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.42	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:04	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.662	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:04	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:04	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.756	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:04	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/06/2025 13:56	07/09/2025 08:04	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*105 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*105 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*93.9 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*85.2 %*	*25-150*

Sample Information

Client Sample ID: PCI-FD01-250630 **York Sample ID:** 25G0101-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0101	HVRA-N. Hangar 18.8090	Soil	June 30, 2025 3:00 pm	07/01/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*68.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.4 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*10.8 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*102 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*84.4 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*90.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*65.4 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*74.3 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*137 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*100 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*96.5 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*127 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*76.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*80.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*62.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*60.0 %*			*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**	**91.9**		%	0.100	1	SM 2540G	07/07/2025 13:15	07/07/2025 14:36	AC
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BG50254 **Preparation Method:** Analysis Preparation Soil **Prepared By:** LJM

YORK Sample ID	Client Sample ID	Preparation Date
25G0101-10	PCI-B-27_8.0-10.0	07/03/25
25G0101-14	PCI-B-28_6.0-7.5	07/03/25
BG50254-BLK1	Blank	07/03/25
BG50254-SRM1	Reference	07/03/25

Batch ID: BG50257 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25G0101-10	PCI-B-27_8.0-10.0	07/03/25
25G0101-14	PCI-B-28_6.0-7.5	07/03/25
BG50257-BLK1	Blank	07/03/25
BG50257-BS1	LCS	07/03/25
BG50257-BSD1	LCS Dup	07/03/25

Batch ID: BG50269 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25G0101-10	PCI-B-27_8.0-10.0	07/03/25
25G0101-14	PCI-B-28_6.0-7.5	07/03/25
BG50269-DUP1	Duplicate	07/03/25

Batch ID: BG50270 **Preparation Method:** EPA 7473 soil **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25G0101-10	PCI-B-27_8.0-10.0	07/03/25
25G0101-14	PCI-B-28_6.0-7.5	07/03/25
BG50270-BLK1	Blank	07/03/25
BG50270-SRM1	Reference	07/03/25

Batch ID: BG50278 **Preparation Method:** EPA 3550C **Prepared By:** RB

YORK Sample ID	Client Sample ID	Preparation Date
25G0101-10	PCI-B-27_8.0-10.0	07/03/25
25G0101-14	PCI-B-28_6.0-7.5	07/03/25
BG50278-BLK1	Blank	07/03/25
BG50278-BS1	LCS	07/03/25

Batch ID: BG50284 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25G0101-10	PCI-B-27_8.0-10.0	07/03/25
25G0101-14	PCI-B-28_6.0-7.5	07/03/25

BG50284-BLK1	Blank	07/03/25
BG50284-SRM1	Reference	07/03/25

Batch ID: BG50308 **Preparation Method:** EPA 3550C **Prepared By:** AJF

YORK Sample ID	Client Sample ID	Preparation Date
25G0101-10	PCI-B-27_8.0-10.0	07/06/25
25G0101-14	PCI-B-28_6.0-7.5	07/06/25
BG50308-BLK2	Blank	07/06/25
BG50308-BS2	LCS	07/06/25
BG50308-MS2	Matrix Spike	07/06/25
BG50308-MSD2	Matrix Spike Dup	07/06/25

Batch ID: BG50309 **Preparation Method:** EPA 3550C **Prepared By:** AJF

YORK Sample ID	Client Sample ID	Preparation Date
25G0101-10	PCI-B-27_8.0-10.0	07/06/25
25G0101-14	PCI-B-28_6.0-7.5	07/06/25
BG50309-BLK1	Blank	07/06/25
BG50309-BS1	LCS	07/06/25
BG50309-MS1	Matrix Spike	07/06/25
BG50309-MSD1	Matrix Spike Dup	07/06/25

Batch ID: BG50321 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25G0101-03	PCI-B-25_0.0-0.17	07/06/25
25G0101-04	PCI-B-25_0.17-1.0	07/06/25
25G0101-05	PCI-B-25_1.0-2.0	07/06/25
25G0101-07	PCI-B-27_0.0-0.17	07/06/25
25G0101-08	PCI-B-27_0.17-1.0	07/06/25
25G0101-09	PCI-B-27_1.0-2.0	07/06/25
25G0101-11	PCI-B-28_0.0-0.17	07/06/25
25G0101-12	PCI-B-28_0.17-1.0	07/06/25
25G0101-13	PCI-B-28_1.0-2.0	07/06/25
25G0101-14	PCI-B-28_6.0-7.5	07/06/25
25G0101-15	PCI-B-29_0.0-0.17	07/06/25
25G0101-16	PCI-B-29_0.17-1.0	07/06/25
25G0101-17	PCI-B-29_1.0-2.0	07/06/25
25G0101-19	PCI-B-20_0.0-0.17	07/06/25
25G0101-20	PCI-B-20_0.17-1.0	07/06/25
25G0101-21	PCI-B-20_1.0-2.0	07/06/25
25G0101-23	PCI-FD01-250630	07/06/25
BG50321-BLK1	Blank	07/06/25
BG50321-BS1	LCS	07/06/25
BG50321-BS2	LCS	07/06/25
BG50321-DUP1	Duplicate	07/06/25

Batch ID: BG50351 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25G0101-10	PCI-B-27_8.0-10.0	07/07/25
25G0101-10	PCI-B-27_8.0-10.0	07/07/25
25G0101-14	PCI-B-28_6.0-7.5	07/07/25
25G0101-14	PCI-B-28_6.0-7.5	07/07/25
BG50351-BLK1	Blank	07/07/25
BG50351-BLK1	Blank	07/07/25
BG50351-BS1	LCS	07/07/25

Batch ID: BG50383 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25G0101-03	PCI-B-25_0.0-0.17	07/07/25
25G0101-04	PCI-B-25_0.17-1.0	07/07/25
25G0101-05	PCI-B-25_1.0-2.0	07/07/25
25G0101-07	PCI-B-27_0.0-0.17	07/07/25
25G0101-08	PCI-B-27_0.17-1.0	07/07/25
25G0101-09	PCI-B-27_1.0-2.0	07/07/25
25G0101-11	PCI-B-28_0.0-0.17	07/07/25
25G0101-12	PCI-B-28_0.17-1.0	07/07/25
25G0101-13	PCI-B-28_1.0-2.0	07/07/25
25G0101-15	PCI-B-29_0.0-0.17	07/07/25
25G0101-16	PCI-B-29_0.17-1.0	07/07/25
25G0101-17	PCI-B-29_1.0-2.0	07/07/25
25G0101-19	PCI-B-20_0.0-0.17	07/07/25
25G0101-20	PCI-B-20_0.17-1.0	07/07/25
25G0101-21	PCI-B-20_1.0-2.0	07/07/25
25G0101-23	PCI-FD01-250630	07/07/25
BG50383-DUP1	Duplicate	07/07/25

Batch ID: BG50702 **Preparation Method:** EPA 1633 Prep **Prepared By:** MG

YORK Sample ID	Client Sample ID	Preparation Date
25G0101-01	PCI-EB01-250630	07/10/25
25G0101-02	PCI-EB02-250630	07/10/25
BG50702-BLK1	Blank	07/10/25
BG50702-BS1	LCS	07/10/25
BG50702-BS2	LCS	07/10/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50257 - EPA 5035A											
Blank (BG50257-BLK1)											Prepared & Analyzed: 07/03/2025
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50257 - EPA 5035A											
Blank (BG50257-BLK1)											Prepared & Analyzed: 07/03/2025
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.025	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.6*		*ug/L*	*50.0*		*95.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.7*		*"*	*50.0*		*107*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.0*		*"*	*50.0*		*108*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50257 - EPA 5035A											
LCS (BG50257-BS1)							Prepared & Analyzed: 07/03/2025				
1,1,1,2-Tetrachloroethane	51.0		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	49.6		"	50.0		99.3	71-137				
1,1,2,2-Tetrachloroethane	49.5		"	50.0		99.0	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.6		"	50.0		109	58-146				
1,1,2-Trichloroethane	46.7		"	50.0		93.4	83-123				
1,1-Dichloroethane	52.2		"	50.0		104	75-130				
1,1-Dichloroethylene	56.7		"	50.0		113	64-137				
1,1-Dichloropropylene	40.8		"	50.0		81.6	77-127				
1,2,3-Trichlorobenzene	47.1		"	50.0		94.2	81-140				
1,2,3-Trichloropropane	48.2		"	50.0		96.4	81-126				
1,2,4-Trichlorobenzene	48.1		"	50.0		96.2	80-141				
1,2,4-Trimethylbenzene	52.7		"	50.0		105	84-125				
1,2-Dibromo-3-chloropropane	42.7		"	50.0		85.5	74-142				
1,2-Dibromoethane	47.7		"	50.0		95.3	86-123				
1,2-Dichlorobenzene	49.6		"	50.0		99.1	85-122				
1,2-Dichloroethane	39.4		"	50.0		78.9	71-133				
1,2-Dichloropropane	48.7		"	50.0		97.5	81-122				
1,3,5-Trimethylbenzene	52.4		"	50.0		105	82-126				
1,3-Dichlorobenzene	49.8		"	50.0		99.7	84-124				
1,3-Dichloropropane	46.2		"	50.0		92.4	83-123				
1,4-Dichlorobenzene	50.4		"	50.0		101	84-124				
1,4-Dioxane	850		"	1050		81.0	10-228				
2,2-Dichloropropane	51.4		"	50.0		103	67-136				
2-Butanone	39.2		"	50.0		78.4	58-147				
2-Chlorotoluene	51.9		"	50.0		104	78-127				
2-Hexanone	47.1		"	50.0		94.2	70-139				
4-Chlorotoluene	57.7		"	50.0		115	79-125				
4-Methyl-2-pentanone	46.1		"	50.0		92.2	72-132				
Acetone	42.0		"	50.0		84.0	36-155				
Acrolein	43.9		"	50.0		87.8	10-238				
Acrylonitrile	34.8		"	50.0		69.6	66-141				
Benzene	43.1		"	50.0		86.2	77-127				
Bromobenzene	51.1		"	50.0		102	77-129				
Bromochloromethane	42.4		"	50.0		84.7	74-129				
Bromodichloromethane	50.6		"	50.0		101	81-124				
Bromoform	47.0		"	50.0		94.0	80-136				
Bromomethane	54.3		"	50.0		109	32-177				
Carbon disulfide	39.3		"	50.0		78.7	10-136				
Carbon tetrachloride	51.6		"	50.0		103	66-143				
Chlorobenzene	49.0		"	50.0		98.0	86-120				
Chloroethane	53.1		"	50.0		106	51-142				
Chloroform	41.3		"	50.0		82.6	76-131				
Chloromethane	54.7		"	50.0		109	49-132				
cis-1,2-Dichloroethylene	42.1		"	50.0		84.2	74-132				
cis-1,3-Dichloropropylene	52.3		"	50.0		105	81-129				
Cyclohexane	44.4		"	50.0		88.9	70-130				
Dibromochloromethane	48.4		"	50.0		96.7	10-200				
Dibromomethane	46.1		"	50.0		92.1	83-124				
Dichlorodifluoromethane	41.7		"	50.0		83.5	28-158				
Ethyl Benzene	50.5		"	50.0		101	84-125				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50257 - EPA 5035A											
LCS (BG50257-BS1)								Prepared & Analyzed: 07/03/2025			
Hexachlorobutadiene	47.8		ug/L	50.0		95.6	83-133				
Isopropylbenzene	53.7		"	50.0		107	81-127				
Methyl acetate	62.6		"	50.0		125	41-143				
Methyl tert-butyl ether (MTBE)	36.0		"	50.0		71.9	74-131	Low Bias			
Methylcyclohexane	50.5		"	50.0		101	70-130				
Methylene chloride	42.7		"	50.0		85.5	57-141				
n-Butylbenzene	51.2		"	50.0		102	80-130				
n-Propylbenzene	67.0		"	50.0		134	74-136				
o-Xylene	50.8		"	50.0		102	83-123				
p- & m- Xylenes	100		"	100		100	82-128				
p-Isopropyltoluene	51.0		"	50.0		102	85-125				
sec-Butylbenzene	52.7		"	50.0		105	83-125				
Styrene	48.1		"	50.0		96.1	86-126				
tert-Butyl alcohol (TBA)	162		"	250		64.8	70-130	Low Bias			
tert-Butylbenzene	51.4		"	50.0		103	80-127				
Tetrachloroethylene	43.6		"	50.0		87.2	80-129				
Toluene	49.4		"	50.0		98.8	85-121				
trans-1,2-Dichloroethylene	44.5		"	50.0		88.9	72-132				
trans-1,3-Dichloropropylene	49.2		"	50.0		98.3	78-132				
Trichloroethylene	48.5		"	50.0		97.0	84-123				
Trichlorofluoromethane	56.4		"	50.0		113	62-140				
Vinyl acetate	44.7		"	50.0		89.3	67-136				
Vinyl Chloride	53.4		"	50.0		107	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.7*		*"*	*50.0*		*93.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.1*		*"*	*50.0*		*108*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.1*		*"*	*50.0*		*106*	*76-130*				
LCS Dup (BG50257-BSD1)								Prepared & Analyzed: 07/03/2025			
1,1,1,2-Tetrachloroethane	50.3		ug/L	50.0		101	75-129		1.42	30	
1,1,1-Trichloroethane	49.7		"	50.0		99.4	71-137		0.121	30	
1,1,2,2-Tetrachloroethane	49.6		"	50.0		99.1	79-129		0.0808	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.2		"	50.0		108	58-146		0.772	30	
1,1,2-Trichloroethane	46.0		"	50.0		92.1	83-123		1.47	30	
1,1-Dichloroethane	50.0		"	50.0		99.9	75-130		4.40	30	
1,1-Dichloroethylene	56.2		"	50.0		112	64-137		0.779	30	
1,1-Dichloropropylene	40.6		"	50.0		81.2	77-127		0.540	30	
1,2,3-Trichlorobenzene	47.1		"	50.0		94.2	81-140		0.00	30	
1,2,3-Trichloropropane	48.7		"	50.0		97.4	81-126		1.01	30	
1,2,4-Trichlorobenzene	48.0		"	50.0		96.0	80-141		0.187	30	
1,2,4-Trimethylbenzene	52.5		"	50.0		105	84-125		0.475	30	
1,2-Dibromo-3-chloropropane	44.6		"	50.0		89.2	74-142		4.28	30	
1,2-Dibromoethane	47.6		"	50.0		95.3	86-123		0.0839	30	
1,2-Dichlorobenzene	49.1		"	50.0		98.2	85-122		0.912	30	
1,2-Dichloroethane	39.3		"	50.0		78.7	71-133		0.254	30	
1,2-Dichloropropane	49.0		"	50.0		97.9	81-122		0.491	30	
1,3,5-Trimethylbenzene	52.2		"	50.0		104	82-126		0.440	30	
1,3-Dichlorobenzene	49.4		"	50.0		98.8	84-124		0.927	30	
1,3-Dichloropropane	45.6		"	50.0		91.3	83-123		1.24	30	
1,4-Dichlorobenzene	50.0		"	50.0		99.9	84-124		0.797	30	
1,4-Dioxane	866		"	1050		82.5	10-228		1.85	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50257 - EPA 5035A											
LCS Dup (BG50257-BSD1)								Prepared & Analyzed: 07/03/2025			
2,2-Dichloropropane	51.2		ug/L	50.0		102	67-136		0.449	30	
2-Butanone	40.2		"	50.0		80.3	58-147		2.44	30	
2-Chlorotoluene	51.9		"	50.0		104	78-127		0.0963	30	
2-Hexanone	47.7		"	50.0		95.4	70-139		1.24	30	
4-Chlorotoluene	57.4		"	50.0		115	79-125		0.521	30	
4-Methyl-2-pentanone	46.2		"	50.0		92.4	72-132		0.303	30	
Acetone	43.6		"	50.0		87.3	36-155		3.88	30	
Acrolein	44.2		"	50.0		88.4	10-238		0.749	30	
Acrylonitrile	35.6		"	50.0		71.1	66-141		2.07	30	
Benzene	42.5		"	50.0		85.0	77-127		1.36	30	
Bromobenzene	50.8		"	50.0		102	77-129		0.491	30	
Bromochloromethane	42.1		"	50.0		84.2	74-129		0.592	30	
Bromodichloromethane	50.6		"	50.0		101	81-124		0.0790	30	
Bromoform	46.7		"	50.0		93.3	80-136		0.769	30	
Bromomethane	53.5		"	50.0		107	32-177		1.48	30	
Carbon disulfide	39.3		"	50.0		78.6	10-136		0.127	30	
Carbon tetrachloride	51.3		"	50.0		103	66-143		0.564	30	
Chlorobenzene	48.3		"	50.0		96.6	86-120		1.48	30	
Chloroethane	53.9		"	50.0		108	51-142		1.36	30	
Chloroform	40.9		"	50.0		81.8	76-131		0.973	30	
Chloromethane	53.4		"	50.0		107	49-132		2.48	30	
cis-1,2-Dichloroethylene	41.7		"	50.0		83.3	74-132		1.05	30	
cis-1,3-Dichloropropylene	51.7		"	50.0		103	81-129		1.23	30	
Cyclohexane	44.1		"	50.0		88.2	70-130		0.768	30	
Dibromochloromethane	48.4		"	50.0		96.7	10-200		0.0207	30	
Dibromomethane	46.0		"	50.0		91.9	83-124		0.239	30	
Dichlorodifluoromethane	41.1		"	50.0		82.2	28-158		1.52	30	
Ethyl Benzene	49.5		"	50.0		99.0	84-125		1.94	30	
Hexachlorobutadiene	47.6		"	50.0		95.1	83-133		0.524	30	
Isopropylbenzene	53.3		"	50.0		107	81-127		0.822	30	
Methyl acetate	63.9		"	50.0		128	41-143		2.06	30	
Methyl tert-butyl ether (MTBE)	36.3		"	50.0		72.6	74-131	Low Bias	0.913	30	
Methylcyclohexane	49.8		"	50.0		99.7	70-130		1.30	30	
Methylene chloride	43.3		"	50.0		86.6	57-141		1.35	30	
n-Butylbenzene	50.7		"	50.0		101	80-130		1.12	30	
n-Propylbenzene	66.5		"	50.0		133	74-136		0.809	30	
o-Xylene	49.6		"	50.0		99.3	83-123		2.23	30	
p- & m- Xylenes	99.3		"	100		99.3	82-128		1.08	30	
p-Isopropyltoluene	50.6		"	50.0		101	85-125		0.945	30	
sec-Butylbenzene	52.3		"	50.0		105	83-125		0.667	30	
Styrene	47.6		"	50.0		95.1	86-126		1.09	30	
tert-Butyl alcohol (TBA)	170		"	250		67.8	70-130	Low Bias	4.51	30	
tert-Butylbenzene	51.0		"	50.0		102	80-127		0.644	30	
Tetrachloroethylene	43.2		"	50.0		86.4	80-129		1.01	30	
Toluene	48.7		"	50.0		97.4	85-121		1.41	30	
trans-1,2-Dichloroethylene	44.7		"	50.0		89.5	72-132		0.583	30	
trans-1,3-Dichloropropylene	49.2		"	50.0		98.3	78-132		0.0203	30	
Trichloroethylene	47.9		"	50.0		95.8	84-123		1.22	30	
Trichlorofluoromethane	56.3		"	50.0		113	62-140		0.337	30	
Vinyl acetate	39.9		"	50.0		79.9	67-136		11.2	30	
Vinyl Chloride	53.1		"	50.0		106	52-130		0.564	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50257 - EPA 5035A											
LCS Dup (BG50257-BSD1)								Prepared & Analyzed: 07/03/2025			
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.0*		*ug/L*	*50.0*		*94.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.9*		*"*	*50.0*		*108*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.0*		*"*	*50.0*		*106*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50351 - EPA 3550C											
Blank (BG50351-BLK1)											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Prepared & Analyzed: 07/07/2025

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50351 - EPA 3550C											
Blank (BG50351-BLK1)											
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.848*		"	*1.66*		*51.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.754*		"	*1.66*		*45.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.406*		"	*0.831*		*48.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.367*		"	*0.831*		*44.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.11*		"	*1.66*		*66.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.415*		"	*0.831*		*49.9*	*24-116*				

Prepared & Analyzed: 07/07/2025

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BG50351 - EPA 3550C

LCS (BG50351-BS1) Prepared & Analyzed: 07/07/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.386	0.0416	mg/kg wet	0.831		46.5	18-111				
1,2,4,5-Tetrachlorobenzene	0.353	0.0830	"	0.831		42.5	21-131				
1,2,4-Trichlorobenzene	0.409	0.0416	"	0.831		49.2	10-140				
1,2-Dichlorobenzene	0.377	0.0416	"	0.831		45.4	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.382	0.0416	"	0.831		46.0	17-137				
1,3-Dichlorobenzene	0.369	0.0416	"	0.831		44.4	33-110				
1,4-Dichlorobenzene	0.359	0.0416	"	0.831		43.2	32-104				
2,3,4,6-Tetrachlorophenol	0.505	0.0830	"	0.831		60.8	30-130				
2,4,5-Trichlorophenol	0.400	0.0416	"	0.831		48.2	27-118				
2,4,6-Trichlorophenol	0.464	0.0416	"	0.831		55.8	31-120				
2,4-Dichlorophenol	0.449	0.0416	"	0.831		54.1	20-127				
2,4-Dimethylphenol	0.424	0.0416	"	0.831		51.1	14-132				
2,4-Dinitrophenol	0.492	0.0830	"	0.831		59.2	10-171				
2,4-Dinitrotoluene	0.421	0.0416	"	0.831		50.6	34-131				
2,6-Dinitrotoluene	0.414	0.0416	"	0.831		49.8	31-128				
2-Chloronaphthalene	0.371	0.0416	"	0.831		44.6	31-117				
2-Chlorophenol	0.408	0.0416	"	0.831		49.1	33-113				
2-Methylnaphthalene	0.365	0.0416	"	0.831		43.9	12-138				
2-Methylphenol	0.407	0.0416	"	0.831		49.0	10-136				
2-Nitroaniline	0.414	0.0830	"	0.831		49.8	27-132				
2-Nitrophenol	0.493	0.0416	"	0.831		59.4	17-129				
3- & 4-Methylphenols	0.355	0.0416	"	0.831		42.8	29-103				
3,3-Dichlorobenzidine	0.260	0.0416	"	0.831		31.3	22-149				
3-Nitroaniline	0.325	0.0830	"	0.831		39.1	20-133				
4,6-Dinitro-2-methylphenol	0.504	0.0830	"	0.831		60.6	10-143				
4-Bromophenyl phenyl ether	0.374	0.0416	"	0.831		45.0	29-120				
4-Chloro-3-methylphenol	0.439	0.0416	"	0.831		52.8	24-129				
4-Chloroaniline	0.281	0.0416	"	0.831		33.8	10-132				
4-Chlorophenyl phenyl ether	0.370	0.0416	"	0.831		44.6	27-124				
4-Nitroaniline	0.335	0.0830	"	0.831		40.3	16-128				
4-Nitrophenol	0.408	0.0830	"	0.831		49.2	10-141				
Acenaphthene	0.365	0.0416	"	0.831		44.0	30-121				
Acenaphthylene	0.389	0.0416	"	0.831		46.9	30-115				
Acetophenone	0.355	0.0416	"	0.831		42.8	20-112				
Aniline	0.238	0.166	"	0.831		28.6	10-119				
Anthracene	0.371	0.0416	"	0.831		44.7	34-118				
Atrazine	0.380	0.0416	"	0.831		45.8	26-112				
Benzaldehyde	0.327	0.0416	"	0.831		39.4	21-100				
Benzo(a)anthracene	0.394	0.0416	"	0.831		47.5	32-122				
Benzo(a)pyrene	0.345	0.0416	"	0.831		41.5	29-133				
Benzo(b)fluoranthene	0.356	0.0416	"	0.831		42.8	25-133				
Benzo(g,h,i)perylene	0.413	0.0416	"	0.831		49.8	10-143				
Benzo(k)fluoranthene	0.353	0.0416	"	0.831		42.5	25-128				
Benzoic acid	0.528	0.0416	"	0.831		63.6	10-140				
Benzyl alcohol	0.377	0.0416	"	0.831		45.4	30-115				
Benzyl butyl phthalate	0.427	0.0416	"	0.831		51.4	26-126				
Bis(2-chloroethoxy)methane	0.397	0.0416	"	0.831		47.8	19-132				
Bis(2-chloroethyl)ether	0.366	0.0416	"	0.831		44.0	19-125				
Bis(2-chloroisopropyl)ether	0.383	0.0416	"	0.831		46.1	20-135				
Bis(2-ethylhexyl)phthalate	0.408	0.0416	"	0.831		49.1	10-155				
Caprolactam	0.491	0.0830	"	0.831		59.1	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50351 - EPA 3550C											
LCS (BG50351-BS1)							Prepared & Analyzed: 07/07/2025				
Carbazole	0.354	0.0416	mg/kg wet	0.831		42.6	35-123				
Chrysene	0.378	0.0416	"	0.831		45.5	32-123				
Dibenzo(a,h)anthracene	0.381	0.0416	"	0.831		45.9	10-136				
Dibenzofuran	0.375	0.0416	"	0.831		45.1	29-121				
Diethyl phthalate	0.376	0.0416	"	0.831		45.3	34-116				
Dimethyl phthalate	0.380	0.0416	"	0.831		45.7	35-124				
Di-n-butyl phthalate	0.380	0.0416	"	0.831		45.8	31-116				
Di-n-octyl phthalate	0.387	0.0416	"	0.831		46.6	26-136				
Fluoranthene	0.356	0.0416	"	0.831		42.8	33-122				
Fluorene	0.375	0.0416	"	0.831		45.2	29-123				
Hexachlorobenzene	0.380	0.0416	"	0.831		45.7	21-124				
Hexachlorobutadiene	0.404	0.0416	"	0.831		48.6	10-149				
Hexachlorocyclopentadiene	0.301	0.0416	"	0.831		36.3	10-129				
Hexachloroethane	0.380	0.0416	"	0.831		45.8	28-108				
Indeno(1,2,3-cd)pyrene	0.460	0.0416	"	0.831		55.4	10-135				
Isophorone	0.398	0.0416	"	0.831		47.9	20-132				
Naphthalene	0.390	0.0416	"	0.831		47.0	23-124				
Nitrobenzene	0.403	0.0416	"	0.831		48.5	13-132				
N-Nitrosodimethylamine	0.370	0.0416	"	0.831		44.6	11-129				
N-nitroso-di-n-propylamine	0.367	0.0416	"	0.831		44.2	24-119				
N-Nitrosodiphenylamine	0.436	0.0416	"	0.831		52.4	22-152				
Pentachlorophenol	0.432	0.0416	"	0.831		52.0	10-139				
Phenanthrene	0.373	0.0416	"	0.831		44.9	33-123				
Phenol	0.396	0.0416	"	0.831		47.7	23-115				
Pyrene	0.416	0.0416	"	0.831		50.1	24-130				
Pyridine	0.312	0.166	"	0.831		37.5	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.810*		"	*1.66*		*48.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.746*		"	*1.66*		*44.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.398*		"	*0.831*		*47.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.347*		"	*0.831*		*41.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.00*		"	*1.66*		*60.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.398*		"	*0.831*		*48.0*	*24-116*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50278 - EPA 3550C											
Blank (BG50278-BLK1)											Prepared: 07/03/2025 Analyzed: 07/07/2025
1,4-Dioxane	ND	20.0	ug/kg								
Surrogate: 1,4-Dioxane-d8	*550*		*"*	*500*		*110*	*39-127.5*				
LCS (BG50278-BS1)											Prepared: 07/03/2025 Analyzed: 07/07/2025
1,4-Dioxane	487	20.0	ug/kg	500		97.4	40-130				
Surrogate: 1,4-Dioxane-d8	*440*		*"*	*500*		*88.0*	*39-127.5*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50321 - EPA 1633 Prep											
Blank (BG50321-BLK1)											Prepared: 07/06/2025 Analyzed: 07/09/2025
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.44*		"	*2.31*		*106*	*25-150*				
Surrogate: M5PFHxA	*2.64*		"	*2.48*		*106*	*25-150*				
Surrogate: M4PFHpA	*2.78*		"	*2.48*		*112*	*25-150*				
Surrogate: M3PFHxS	*2.61*		"	*2.35*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.60*		"	*2.48*		*105*	*25-150*				
Surrogate: M6PFDA	*1.14*		"	*1.24*		*92.3*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50321 - EPA 1633 Prep											
Blank (BG50321-BLK1)								Prepared: 07/06/2025 Analyzed: 07/09/2025			
Surrogate: M7PFUdA	*1.06*		*ug/kg wet*	*1.24*		*85.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.810*		*"*	*1.24*		*65.3*	*25-150*				
Surrogate: M2PFTeDA	*0.750*		*"*	*1.24*		*60.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.8*		*"*	*9.92*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.29*		*"*	*2.38*		*96.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.42*		*"*	*4.96*		*89.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.36*		*"*	*2.48*		*95.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.64*		*"*	*4.96*		*73.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.27*		*"*	*4.96*		*86.2*	*25-150*				
Surrogate: M2-6:2 FTS	*6.49*		*"*	*4.72*		*138*	*25-200*				
Surrogate: M2-8:2 FTS	*4.97*		*"*	*4.76*		*104*	*25-200*				
Surrogate: M9PFNA	*1.14*		*"*	*1.24*		*91.7*	*25-150*				
Surrogate: M2-4:2 FTS	*6.41*		*"*	*4.65*		*138*	*25-150*				
Surrogate: d-N-MeFOSA	*1.77*		*"*	*2.48*		*71.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.58*		*"*	*2.48*		*63.7*	*25-150*				
Surrogate: M3HFPO-DA	*9.92*		*"*	*9.92*		*100*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.7*		*"*	*24.8*		*63.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.8*		*"*	*24.8*		*63.8*	*25-150*				
LCS (BG50321-BS1)								Prepared: 07/06/2025 Analyzed: 07/09/2025			
Perfluorobutanesulfonic acid (PFBS)	4.28	0.176	ug/kg wet	3.53		121	50-150				
Perfluorohexanoic acid (PFHxA)	4.91	0.199	"	3.98		123	50-150				
Perfluoroheptanoic acid (PFHpA)	4.32	0.199	"	3.98		108	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.67	0.182	"	3.65		128	50-150				
Perfluorooctanoic acid (PFOA)	4.81	0.199	"	3.98		121	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.65	0.185	"	3.71		125	50-150				
Perfluorononanoic acid (PFNA)	4.82	0.199	"	3.98		121	50-150				
Perfluorodecanoic acid (PFDA)	4.54	0.199	"	3.98		114	50-150				
Perfluoroundecanoic acid (PFUnA)	4.82	0.199	"	3.98		121	50-150				
Perfluorododecanoic acid (PFDoA)	4.42	0.199	"	3.98		111	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.44	0.199	"	3.98		111	50-150				
Perfluorotetradecanoic acid (PFTA)	4.19	0.199	"	3.98		105	50-150				
N-MeFOSAA	4.33	0.199	"	3.98		109	50-150				
N-EtFOSAA	4.74	0.199	"	3.98		119	50-150				
Perfluoropentanoic acid (PFPeA)	8.77	0.398	"	7.97		110	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.51	0.199	"	3.98		113	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.84	0.199	"	3.80		127	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.14	0.192	"	3.84		108	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.5	0.757	"	15.1		122	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	19.0	0.765	"	15.3		124	50-150				
Perfluoro-n-butanoic acid (PFBA)	17.9	0.797	"	15.9		112	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.37	0.355	"	7.09		118	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.41	0.398	"	7.97		105	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.04	0.398	"	7.97		25.6	50-150	Low Bias			

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50321 - EPA 1633 Prep											
LCS (BG50321-BS1)									Prepared: 07/06/2025 Analyzed: 07/09/2025		
Perfluoro-5-oxahexanoic acid (PFMBA)	8.88	0.398	ug/kg wet	7.97		111	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.79	0.187	"	3.75		128	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	19.1	0.747	"	14.9		128	50-150				
HFPO-DA (Gen-X)	9.86	0.797	"	7.97		124	50-150				
11CL-PF3OUdS	6.78	0.753	"	7.53		90.0	50-150				
9CL-PF3ONS	7.89	0.745	"	7.45		106	50-150				
ADONA	10.2	0.753	"	7.53		136	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.79	0.193	"	3.86		98.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.31	0.191	"	3.82		139	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	12.4	0.996	"	15.9		77.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	99.4	4.98	"	79.7		125	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	94.9	4.98	"	79.7		119	50-150				
N-MeFOSE	43.7	1.99	"	39.8		110	50-150				
N-MeFOSA	4.55	0.199	"	3.98		114	50-150				
N-EtFOSE	41.3	1.99	"	39.8		104	50-150				
N-EtFOSA	3.46	0.199	"	3.98		86.8	50-150				
Surrogate: M3PFBS	*2.39*		"	*2.32*		*103*	*25-150*				
Surrogate: M5PFHxA	*2.58*		"	*2.49*		*104*	*25-150*				
Surrogate: M4PFHpA	*3.13*		"	*2.49*		*126*	*25-150*				
Surrogate: M3PFHxS	*2.58*		"	*2.36*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.75*		"	*2.49*		*110*	*25-150*				
Surrogate: M6PFDA	*1.33*		"	*1.25*		*107*	*25-150*				
Surrogate: M7PFUdA	*1.12*		"	*1.25*		*90.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.952*		"	*1.25*		*76.5*	*25-150*				
Surrogate: M2PFTeDA	*0.946*		"	*1.25*		*76.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.933*		"	*9.96*		*9.37*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.40*		"	*2.39*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.06*		"	*4.98*		*81.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.44*		"	*2.49*		*97.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.06*		"	*4.98*		*81.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.25*		"	*4.98*		*85.4*	*25-150*				
Surrogate: M2-6:2 FTS	*5.65*		"	*4.74*		*119*	*25-200*				
Surrogate: M2-8:2 FTS	*4.58*		"	*4.78*		*95.7*	*25-200*				
Surrogate: M9PFNA	*1.26*		"	*1.25*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*5.23*		"	*4.67*		*112*	*25-150*				
Surrogate: d-N-MeFOSA	*1.92*		"	*2.49*		*76.9*	*25-150*				
Surrogate: d-N-EtFOSA	*2.19*		"	*2.49*		*88.1*	*25-150*				
Surrogate: M3HFPO-DA	*9.74*		"	*9.96*		*97.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*17.6*		"	*24.9*		*70.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.4*		"	*24.9*		*69.9*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50321 - EPA 1633 Prep											
LCS (BG50321-BS2)								Prepared: 07/06/2025 Analyzed: 07/09/2025			
Perfluorobutanesulfonic acid (PFBS)	0.391	0.177	ug/kg wet	0.354		110	50-150				
Perfluorohexanoic acid (PFHxA)	0.408	0.200	"	0.400		102	50-150				
Perfluoroheptanoic acid (PFHpA)	0.401	0.200	"	0.400		100	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.489	0.183	"	0.366		134	50-150				
Perfluorooctanoic acid (PFOA)	0.390	0.200	"	0.400		97.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.389	0.186	"	0.372		105	50-150				
Perfluorononanoic acid (PFNA)	0.448	0.200	"	0.400		112	50-150				
Perfluorodecanoic acid (PFDA)	0.423	0.200	"	0.400		106	50-150				
Perfluoroundecanoic acid (PFUnA)	0.430	0.200	"	0.400		108	50-150				
Perfluorododecanoic acid (PFDoA)	0.424	0.200	"	0.400		106	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.387	0.200	"	0.400		96.9	50-150				
Perfluorotetradecanoic acid (PFTA)	0.389	0.200	"	0.400		97.3	50-150				
N-MeFOSAA	0.409	0.200	"	0.400		102	50-150				
N-EtFOSAA	0.392	0.200	"	0.400		98.0	50-150				
Perfluoropentanoic acid (PFPeA)	0.836	0.400	"	0.800		105	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.483	0.200	"	0.400		121	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.446	0.200	"	0.382		117	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.280	0.193	"	0.386		72.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.53	0.760	"	1.52		101	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.54	0.768	"	1.54		100	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.77	0.800	"	1.60		111	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.689	0.356	"	0.712		96.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.555	0.400	"	0.800		69.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.759	0.400	"	0.800		94.9	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.774	0.400	"	0.800		96.8	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.472	0.188	"	0.376		126	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.66	0.750	"	1.50		111	50-150				
HFPO-DA (Gen-X)	0.834	0.800	"	0.800		104	50-150				
11CL-PF3OUdS	0.564	0.756	"	0.756		74.6	50-150				
9CL-PF3ONS	0.579	0.748	"	0.748		77.4	50-150				
ADONA	0.856	0.756	"	0.756		113	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.324	0.194	"	0.388		83.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.460	0.192	"	0.384		120	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.91	1.00	"	1.60		119	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	8.82	5.00	"	8.00		110	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	7.48	5.00	"	8.00		93.6	50-150				
N-MeFOSE	3.74	2.00	"	4.00		93.6	50-150				
N-MeFOSA	0.418	0.200	"	0.400		104	50-150				
N-EtFOSE	3.49	2.00	"	4.00		87.3	50-150				
N-EtFOSA	0.365	0.200	"	0.400		91.2	50-150				
Surrogate: M3PFBS	*2.47*		"	*2.33*		*106*	*25-150*				
Surrogate: M5PFHxA	*2.71*		"	*2.50*		*108*	*25-150*				
Surrogate: M4PFHpA	*3.05*		"	*2.50*		*122*	*25-150*				
Surrogate: M3PFHxS	*2.54*		"	*2.37*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.66*		"	*2.50*		*107*	*25-150*				
Surrogate: M6PFDA	*0.967*		"	*1.25*		*77.3*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50321 - EPA 1633 Prep											
LCS (BG50321-BS2)									Prepared: 07/06/2025 Analyzed: 07/09/2025		
Surrogate: M7PFUdA	*0.867*		*ug/kg wet*	*1.25*		*69.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.666*		*"*	*1.25*		*53.3*	*25-150*				
Surrogate: M2PFTeDA	*0.638*		*"*	*1.25*		*51.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.9*		*"*	*10.0*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.95*		*"*	*2.40*		*81.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.56*		*"*	*5.00*		*91.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.92*		*"*	*2.50*		*76.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.21*		*"*	*5.00*		*64.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.39*		*"*	*5.00*		*67.8*	*25-150*				
Surrogate: M2-6:2 FTS	*6.00*		*"*	*4.76*		*126*	*25-200*				
Surrogate: M2-8:2 FTS	*4.02*		*"*	*4.80*		*83.7*	*25-200*				
Surrogate: M9PFNA	*1.12*		*"*	*1.25*		*89.7*	*25-150*				
Surrogate: M2-4:2 FTS	*5.93*		*"*	*4.69*		*127*	*25-150*				
Surrogate: d-N-MeFOSA	*1.71*		*"*	*2.50*		*68.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.70*		*"*	*2.50*		*68.0*	*25-150*				
Surrogate: M3HFPO-DA	*11.0*		*"*	*10.0*		*110*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.3*		*"*	*25.0*		*53.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.9*		*"*	*25.0*		*55.5*	*25-150*				
Duplicate (BG50321-DUP1)	*Source sample: 25G0101-16 (PCI-B-29_0.17-1.0)								Prepared: 07/06/2025 Analyzed: 07/09/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.196	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.221	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.221	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.202	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.221	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.206	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.221	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.221	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.221	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.221	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.221	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.221	"		ND					30	
N-MeFOSAA	ND	0.221	"		ND					30	
N-EtFOSAA	ND	0.221	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.442	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.221	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.221	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.213	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.840	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.849	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.884	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.393	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.442	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.442	"		ND					30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50321 - EPA 1633 Prep											
Duplicate (BG50321-DUP1)	*Source sample: 25G0101-16 (PCI-B-29_0.17-1.0)								Prepared: 07/06/2025 Analyzed: 07/09/2025		
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.442	ug/kg dry		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.208	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.829	"		ND					30	
HFPO-DA (Gen-X)	ND	0.884	"		ND					30	
11CL-PF3OUdS	ND	0.835	"		ND					30	
9CL-PF3ONS	ND	0.827	"		ND					30	
ADONA	ND	0.835	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.214	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.212	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.11	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.53	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.53	"		ND					30	
N-MeFOSE	ND	2.21	"		ND					30	
N-MeFOSA	ND	0.221	"		ND					30	
N-EtFOSE	ND	2.21	"		ND					30	
N-EtFOSA	ND	0.221	"		ND					30	
Surrogate: M3PFBS	*2.69*		"	*2.57*		*105*	*25-150*				
Surrogate: M5PFHxA	*2.92*		"	*2.76*		*106*	*25-150*				
Surrogate: M4PFHpA	*3.51*		"	*2.76*		*127*	*25-150*				
Surrogate: M3PFHxS	*3.06*		"	*2.62*		*117*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.02*		"	*2.76*		*109*	*25-150*				
Surrogate: M6PFDA	*1.55*		"	*1.38*		*112*	*25-150*				
Surrogate: M7PFUdA	*1.47*		"	*1.38*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.15*		"	*1.38*		*83.5*	*25-150*				
Surrogate: M2PFTeDA	*0.825*		"	*1.38*		*59.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*7.33*		"	*11.1*		*66.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.83*		"	*2.65*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.65*		"	*5.53*		*84.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.74*		"	*2.76*		*99.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.36*		"	*5.53*		*97.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.53*		"	*5.53*		*100*	*25-150*				
Surrogate: M2-6:2 FTS	*7.08*		"	*5.25*		*135*	*25-200*				
Surrogate: M2-8:2 FTS	*6.19*		"	*5.30*		*117*	*25-200*				
Surrogate: M9PFNA	*1.53*		"	*1.38*		*111*	*25-150*				
Surrogate: M2-4:2 FTS	*7.29*		"	*5.18*		*141*	*25-150*				
Surrogate: d-N-MeFOSA	*2.09*		"	*2.76*		*75.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.83*		"	*2.76*		*66.1*	*25-150*				
Surrogate: M3HFPO-DA	*11.3*		"	*11.1*		*102*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.7*		"	*27.6*		*53.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.3*		"	*27.6*		*51.9*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50702 - EPA 1633 Prep											
Blank (BG50702-BLK1)											Prepared: 07/10/2025 Analyzed: 07/14/2025
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 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	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 FTS)	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	*27.2*		*"*	*23.3*		*117*	*25-150*				
Surrogate: M5PFHxA	*27.2*		*"*	*25.0*		*109*	*25-150*				
Surrogate: M4PFHpA	*32.6*		*"*	*25.0*		*131*	*25-150*				
Surrogate: M3PFHxS	*30.7*		*"*	*23.7*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.1*		*"*	*25.0*		*128*	*25-150*				
Surrogate: M6PFDA	*15.0*		*"*	*12.5*		*120*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50702 - EPA 1633 Prep											
Blank (BG50702-BLK1)								Prepared: 07/10/2025 Analyzed: 07/14/2025			
Surrogate: M7PFUdA	*14.1*		*ng/L*	*12.5*		*113*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*10.9*		*"*	*12.5*		*87.3*	*25-150*				
Surrogate: M2PFTeDA	*7.74*		*"*	*12.5*		*61.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.55*		*"*	*100*		*1.55*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.0*		*"*	*24.0*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*16.0*		*"*	*50.0*		*32.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*32.5*		*"*	*25.0*		*130*	*10-150*				
Surrogate: d3-N-MeFOSAA	*39.6*		*"*	*50.0*		*79.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*40.7*		*"*	*50.0*		*81.4*	*25-150*				
Surrogate: M2-6:2 FTS	*78.9*		*"*	*47.6*		*166*	*25-200*				
Surrogate: M2-8:2 FTS	*66.6*		*"*	*48.0*		*139*	*25-200*				
Surrogate: M9PFNA	*15.6*		*"*	*12.5*		*125*	*25-150*				
Surrogate: M2-4:2 FTS	*74.3*		*"*	*46.9*		*158*	*25-150*				
Surrogate: d-N-MeFOSA	*23.6*		*"*	*25.0*		*94.5*	*25-150*				
Surrogate: d-N-EtFOSA	*22.3*		*"*	*25.0*		*89.2*	*25-150*				
Surrogate: M3HFPO-DA	*99.6*		*"*	*100*		*99.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*162*		*"*	*250*		*64.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*176*		*"*	*250*		*70.3*	*25-150*				
LCS (BG50702-BS1)								Prepared: 07/10/2025 Analyzed: 07/14/2025			
Perfluorobutanesulfonic acid (PFBS)	38.0	1.77	ng/L	35.4		107	50-150				
Perfluorohexanoic acid (PFHxA)	45.5	2.00	"	40.0		114	50-150				
Perfluoroheptanoic acid (PFHpA)	45.3	2.00	"	40.0		113	50-150				
Perfluorohexanesulfonic acid (PFHxS)	44.6	1.83	"	36.6		122	50-150				
Perfluorooctanoic acid (PFOA)	43.8	2.00	"	40.0		110	50-150				
Perfluorooctanesulfonic acid (PFOS)	44.5	1.86	"	37.2		120	50-150				
Perfluorononanoic acid (PFNA)	44.5	2.00	"	40.0		111	50-150				
Perfluorodecanoic acid (PFDA)	46.4	2.00	"	40.0		116	50-150				
Perfluoroundecanoic acid (PFUnA)	39.6	2.00	"	40.0		98.9	50-150				
Perfluorododecanoic acid (PFDoA)	40.9	2.00	"	40.0		102	50-150				
Perfluorotridecanoic acid (PFTrDA)	53.0	2.00	"	40.0		132	50-150				
Perfluorotetradecanoic acid (PFTA)	41.7	2.00	"	40.0		104	50-150				
N-MeFOSAA	39.4	2.00	"	40.0		98.6	50-150				
N-EtFOSAA	43.2	2.00	"	40.0		108	50-150				
Perfluoropentanoic acid (PFPeA)	82.5	4.00	"	80.0		103	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	42.9	2.00	"	40.0		107	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	46.2	1.91	"	38.2		121	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	35.4	1.93	"	38.6		91.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	162	7.60	"	152		107	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	179	7.68	"	154		116	50-150				
Perfluoro-n-butanoic acid (PFBA)	141	8.00	"	160		88.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	80.9	3.56	"	71.2		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	64.5	4.00	"	80.0		80.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	10.9	4.00	"	80.0		13.6	50-150	Low Bias			

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50702 - EPA 1633 Prep											
LCS (BG50702-BS1)								Prepared: 07/10/2025 Analyzed: 07/14/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	136	4.00	ng/L	80.0		171	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	47.2	1.88	"	37.6		126	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	183	7.50	"	150		122	50-150				
HFPO-DA (Gen-X)	82.7	8.00	"	80.0		103	50-150				
11CL-PF3OUdS	60.1	7.56	"	75.6		79.5	50-150				
9CL-PF3ONS	77.5	7.48	"	74.8		104	50-150				
ADONA	90.0	7.56	"	75.6		119	50-150				
Perfluorododecanesulfonic acid (PFDoS)	26.3	1.94	"	38.8		67.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	49.0	1.92	"	38.4		128	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	96.7	5.00	"	160		60.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1000	25.0	"	800		126	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	999	25.0	"	800		125	50-150				
N-MeFOSE	434	20.0	"	400		109	50-150				
N-MeFOSA	41.5	2.00	"	40.0		104	50-150				
N-EtFOSE	390	20.0	"	400		97.5	50-150				
N-EtFOSA	35.4	2.00	"	40.0		88.5	50-150				
Surrogate: M3PFBS	*30.3*		*"*	*23.3*		*130*	*25-150*				
Surrogate: M5PFHxA	*30.8*		*"*	*25.0*		*123*	*25-150*				
Surrogate: M4PFHpA	*34.3*		*"*	*25.0*		*137*	*25-150*				
Surrogate: M3PFHxS	*32.2*		*"*	*23.7*		*136*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.2*		*"*	*25.0*		*137*	*25-150*				
Surrogate: M6PFDA	*14.9*		*"*	*12.5*		*119*	*25-150*				
Surrogate: M7PFUdA	*15.2*		*"*	*12.5*		*121*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.0*		*"*	*12.5*		*88.2*	*25-150*				
Surrogate: M2PFTeDA	*7.58*		*"*	*12.5*		*60.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.84*		*"*	*100*		*1.84*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*32.1*		*"*	*24.0*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*20.6*		*"*	*50.0*		*41.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*38.6*		*"*	*25.0*		*154*	*10-150*				
Surrogate: d3-N-MeFOSAA	*45.4*		*"*	*50.0*		*90.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*43.2*		*"*	*50.0*		*86.4*	*25-150*				
Surrogate: M2-6:2 FTS	*82.4*		*"*	*47.6*		*173*	*25-200*				
Surrogate: M2-8:2 FTS	*64.1*		*"*	*48.0*		*134*	*25-200*				
Surrogate: M9PFNA	*16.3*		*"*	*12.5*		*130*	*25-150*				
Surrogate: M2-4:2 FTS	*66.9*		*"*	*46.9*		*143*	*25-150*				
Surrogate: d-N-MeFOSA	*24.7*		*"*	*25.0*		*98.6*	*25-150*				
Surrogate: d-N-EtFOSA	*23.8*		*"*	*25.0*		*95.1*	*25-150*				
Surrogate: M3HFPO-DA	*117*		*"*	*100*		*117*	*25-150*				
Surrogate: d9-N-EtFOSE	*207*		*"*	*250*		*82.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*226*		*"*	*250*		*90.2*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50702 - EPA 1633 Prep											
LCS (BG50702-BS2)								Prepared: 07/10/2025 Analyzed: 07/14/2025			
Perfluorobutanesulfonic acid (PFBS)	3.74	1.77	ng/L	3.54		106	50-150				
Perfluorohexanoic acid (PFHxA)	3.65	2.00	"	4.00		91.2	50-150				
Perfluoroheptanoic acid (PFHpA)	3.65	2.00	"	4.00		91.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.92	1.83	"	3.66		107	50-150				
Perfluorooctanoic acid (PFOA)	3.86	2.00	"	4.00		96.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.56	1.86	"	3.72		95.8	50-150				
Perfluorononanoic acid (PFNA)	4.20	2.00	"	4.00		105	50-150				
Perfluorodecanoic acid (PFDA)	3.75	2.00	"	4.00		93.8	50-150				
Perfluoroundecanoic acid (PFUnA)	3.75	2.00	"	4.00		93.7	50-150				
Perfluorododecanoic acid (PFDoA)	4.00	2.00	"	4.00		99.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.28	2.00	"	4.00		107	50-150				
Perfluorotetradecanoic acid (PFTA)	3.85	2.00	"	4.00		96.3	50-150				
N-MeFOSAA	4.23	2.00	"	4.00		106	50-150				
N-EtFOSAA	3.22	2.00	"	4.00		80.5	50-150				
Perfluoropentanoic acid (PFPeA)	7.34	4.00	"	8.00		91.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.99	2.00	"	4.00		99.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.79	1.91	"	3.82		99.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.39	1.93	"	3.86		87.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.8	7.60	"	15.2		110	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	13.8	7.68	"	15.4		90.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.9	8.00	"	16.0		86.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.79	3.56	"	7.12		95.3	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.59	4.00	"	8.00		107	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.67	4.00	"	8.00		20.9	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	12.9	4.00	"	8.00		161	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	3.17	1.88	"	3.76		84.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	7.50	"	15.0		100	50-150				
HFPO-DA (Gen-X)	6.99	8.00	"	8.00		87.3	50-150				
11CL-PF3OUdS	7.35	7.56	"	7.56		97.2	50-150				
9CL-PF3ONS	7.87	7.48	"	7.48		105	50-150				
ADONA	8.59	7.56	"	7.56		114	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.26	1.94	"	3.88		84.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.70	1.92	"	3.84		96.4	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.2	5.00	"	16.0		88.7	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	96.2	25.0	"	80.0		120	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	91.9	25.0	"	80.0		115	50-150				
N-MeFOSE	42.8	20.0	"	40.0		107	50-150				
N-MeFOSA	4.57	2.00	"	4.00		114	50-150				
N-EtFOSE	38.4	20.0	"	40.0		96.0	50-150				
N-EtFOSA	3.23	2.00	"	4.00		80.6	50-150				
Surrogate: M3PFBS	*29.0*		*"*	*23.3*		*125*	*25-150*				
Surrogate: M5PFHxA	*29.8*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M4PFHpA	*36.1*		*"*	*25.0*		*144*	*25-150*				
Surrogate: M3PFHxS	*33.7*		*"*	*23.7*		*142*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.8*		*"*	*25.0*		*131*	*25-150*				
Surrogate: M6PFDA	*14.6*		*"*	*12.5*		*117*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50702 - EPA 1633 Prep											
LCS (BG50702-BS2)								Prepared: 07/10/2025 Analyzed: 07/14/2025			
Surrogate: M7PFUdA	*14.7*		*ng/L*	*12.5*		*117*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*10.9*		*"*	*12.5*		*87.2*	*25-150*				
Surrogate: M2PFTeDA	*7.92*		*"*	*12.5*		*63.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.65*		*"*	*100*		*1.65*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.8*		*"*	*24.0*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*19.3*		*"*	*50.0*		*38.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*37.2*		*"*	*25.0*		*149*	*10-150*				
Surrogate: d3-N-MeFOSAA	*43.1*		*"*	*50.0*		*86.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*45.9*		*"*	*50.0*		*91.7*	*25-150*				
Surrogate: M2-6:2 FTS	*87.1*		*"*	*47.6*		*183*	*25-200*				
Surrogate: M2-8:2 FTS	*71.8*		*"*	*48.0*		*150*	*25-200*				
Surrogate: M9PFNA	*15.9*		*"*	*12.5*		*127*	*25-150*				
Surrogate: M2-4:2 FTS	*77.8*		*"*	*46.9*		*166*	*25-150*				
Surrogate: d-N-MeFOSA	*23.7*		*"*	*25.0*		*94.8*	*25-150*				
Surrogate: d-N-EtFOSA	*24.4*		*"*	*25.0*		*97.4*	*25-150*				
Surrogate: M3HFPO-DA	*113*		*"*	*100*		*113*	*25-150*				
Surrogate: d9-N-EtFOSE	*185*		*"*	*250*		*74.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*193*		*"*	*250*		*77.4*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50351 - EPA 3550C											
Blank (BG50351-BLK1)											Prepared & Analyzed: 07/07/2025
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50309 - EPA 3550C											
Blank (BG50309-BLK1)											Prepared: 07/06/2025 Analyzed: 07/07/2025
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0487*		*"*	*0.0664*		*73.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0453*		*"*	*0.0664*		*68.2*	*30-150*				
LCS (BG50309-BS1)											Prepared: 07/06/2025 Analyzed: 07/07/2025
4,4'-DDD	0.0250	0.00164	mg/kg wet	0.0332		75.2	40-140				
4,4'-DDE	0.0283	0.00164	"	0.0332		85.3	40-140				
4,4'-DDT	0.0266	0.00164	"	0.0332		80.1	40-140				
Aldrin	0.0258	0.00164	"	0.0332		77.7	40-140				
alpha-BHC	0.0252	0.00164	"	0.0332		75.9	40-140				
alpha-Chlordane	0.0268	0.00164	"	0.0332		80.6	40-140				
beta-BHC	0.0302	0.00164	"	0.0332		90.9	40-140				
delta-BHC	0.0268	0.00164	"	0.0332		80.8	40-140				
Dieldrin	0.0255	0.00164	"	0.0332		76.9	40-140				
Endosulfan I	0.0265	0.00164	"	0.0332		79.8	40-140				
Endosulfan II	0.0280	0.00164	"	0.0332		84.4	40-140				
Endosulfan sulfate	0.0285	0.00164	"	0.0332		85.9	40-140				
Endrin	0.0261	0.00164	"	0.0332		78.6	40-140				
Endrin aldehyde	0.0219	0.00164	"	0.0332		65.8	40-140				
Endrin ketone	0.0264	0.00164	"	0.0332		79.4	40-140				
gamma-BHC (Lindane)	0.0240	0.00164	"	0.0332		72.4	40-140				
gamma-Chlordane	0.0265	0.00164	"	0.0332		79.8	40-140				
Heptachlor	0.0257	0.00164	"	0.0332		77.3	40-140				
Heptachlor epoxide	0.0261	0.00164	"	0.0332		78.7	40-140				
Methoxychlor	0.0301	0.00164	"	0.0332		90.5	40-140				
Surrogate: Decachlorobiphenyl	*0.0514*		*"*	*0.0664*		*77.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0475*		*"*	*0.0664*		*71.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50309 - EPA 3550C											
Matrix Spike (BG50309-MS1)	*Source sample: 25G0101-14 (PCI-B-28_6.0-7.5)							Prepared: 07/06/2025 Analyzed: 07/07/2025			
4,4'-DDD	0.0297	0.00198	mg/kg dry	0.0400	ND	74.4	30-150				
4,4'-DDE	0.0336	0.00198	"	0.0400	ND	84.0	30-150				
4,4'-DDT	0.0308	0.00198	"	0.0400	ND	77.0	30-150				
Aldrin	0.0306	0.00198	"	0.0400	ND	76.6	30-150				
alpha-BHC	0.0301	0.00198	"	0.0400	ND	75.3	30-150				
alpha-Chlordane	0.0318	0.00198	"	0.0400	ND	79.5	30-150				
beta-BHC	0.0363	0.00198	"	0.0400	ND	90.7	30-150				
delta-BHC	0.0321	0.00198	"	0.0400	ND	80.3	30-150				
Dieldrin	0.0305	0.00198	"	0.0400	ND	76.3	30-150				
Endosulfan I	0.0316	0.00198	"	0.0400	ND	78.9	30-150				
Endosulfan II	0.0332	0.00198	"	0.0400	ND	83.0	30-150				
Endosulfan sulfate	0.0340	0.00198	"	0.0400	ND	85.0	30-150				
Endrin	0.0313	0.00198	"	0.0400	ND	78.2	30-150				
Endrin aldehyde	0.0264	0.00198	"	0.0400	ND	66.0	30-150				
Endrin ketone	0.0316	0.00198	"	0.0400	ND	79.0	30-150				
gamma-BHC (Lindane)	0.0288	0.00198	"	0.0400	ND	71.9	30-150				
gamma-Chlordane	0.0317	0.00198	"	0.0400	ND	79.4	30-150				
Heptachlor	0.0302	0.00198	"	0.0400	ND	75.6	30-150				
Heptachlor epoxide	0.0312	0.00198	"	0.0400	ND	77.9	30-150				
Methoxychlor	0.0357	0.00198	"	0.0400	ND	89.3	30-150				
Surrogate: Decachlorobiphenyl	*0.0620*		*"*	*0.0800*		*77.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0566*		*"*	*0.0800*		*70.8*	*30-150*				
Matrix Spike Dup (BG50309-MSD1)	*Source sample: 25G0101-14 (PCI-B-28_6.0-7.5)							Prepared: 07/06/2025 Analyzed: 07/07/2025			
4,4'-DDD	0.0334	0.00198	mg/kg dry	0.0400	ND	83.5	30-150		11.6	30	
4,4'-DDE	0.0384	0.00198	"	0.0400	ND	96.1	30-150		13.4	30	
4,4'-DDT	0.0346	0.00198	"	0.0400	ND	86.6	30-150		11.7	30	
Aldrin	0.0355	0.00198	"	0.0400	ND	88.7	30-150		14.6	30	
alpha-BHC	0.0345	0.00198	"	0.0400	ND	86.2	30-150		13.5	30	
alpha-Chlordane	0.0361	0.00198	"	0.0400	ND	90.3	30-150		12.7	30	
beta-BHC	0.0413	0.00198	"	0.0400	ND	103	30-150		13.0	30	
delta-BHC	0.0371	0.00198	"	0.0400	ND	92.9	30-150		14.6	30	
Dieldrin	0.0347	0.00198	"	0.0400	ND	86.9	30-150		13.0	30	
Endosulfan I	0.0358	0.00198	"	0.0400	ND	89.6	30-150		12.7	30	
Endosulfan II	0.0378	0.00198	"	0.0400	ND	94.5	30-150		12.9	30	
Endosulfan sulfate	0.0386	0.00198	"	0.0400	ND	96.6	30-150		12.7	30	
Endrin	0.0344	0.00198	"	0.0400	ND	86.1	30-150		9.55	30	
Endrin aldehyde	0.0301	0.00198	"	0.0400	ND	75.2	30-150		13.1	30	
Endrin ketone	0.0354	0.00198	"	0.0400	ND	88.6	30-150		11.4	30	
gamma-BHC (Lindane)	0.0333	0.00198	"	0.0400	ND	83.4	30-150		14.7	30	
gamma-Chlordane	0.0362	0.00198	"	0.0400	ND	90.5	30-150		13.1	30	
Heptachlor	0.0348	0.00198	"	0.0400	ND	87.0	30-150		14.0	30	
Heptachlor epoxide	0.0356	0.00198	"	0.0400	ND	89.1	30-150		13.3	30	
Methoxychlor	0.0383	0.00198	"	0.0400	ND	95.8	30-150		6.99	30	
Surrogate: Decachlorobiphenyl	*0.0699*		*"*	*0.0800*		*87.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0630*		*"*	*0.0800*		*78.7*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50308 - EPA 3550C											
Blank (BG50308-BLK2)									Prepared: 07/06/2025 Analyzed: 07/07/2025		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0561*		*"*	*0.0664*		*84.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0455*		*"*	*0.0664*		*68.5*	*30-120*				
LCS (BG50308-BS2)									Prepared: 07/06/2025 Analyzed: 07/07/2025		
Aroclor 1016	0.320	0.0166	mg/kg wet	0.332		96.3	40-130				
Aroclor 1260	0.299	0.0166	"	0.332		90.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0588*		*"*	*0.0664*		*88.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0498*		*"*	*0.0664*		*75.0*	*30-120*				
Matrix Spike (BG50308-MS2)	*Source sample: 25G0101-14 (PCI-B-28_6.0-7.5)								Prepared: 07/06/2025 Analyzed: 07/07/2025		
Aroclor 1016	0.363	0.0200	mg/kg dry	0.400	ND	90.8	40-140				
Aroclor 1260	0.351	0.0200	"	0.400	ND	87.8	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0660*		*"*	*0.0800*		*82.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0596*		*"*	*0.0800*		*74.5*	*30-120*				
Matrix Spike Dup (BG50308-MSD2)	*Source sample: 25G0101-14 (PCI-B-28_6.0-7.5)								Prepared: 07/06/2025 Analyzed: 07/07/2025		
Aroclor 1016	0.380	0.0200	mg/kg dry	0.400	ND	95.1	40-140		4.63	50	
Aroclor 1260	0.371	0.0200	"	0.400	ND	92.9	40-140		5.65	50	
Surrogate: Tetrachloro-m-xylene	*0.0720*		*"*	*0.0800*		*90.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0640*		*"*	*0.0800*		*80.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50284 - EPA 3050B											
Blank (BG50284-BLK1)											Prepared: 07/03/2025 Analyzed: 07/07/2025
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BG50284-SRM1)											Prepared: 07/03/2025 Analyzed: 07/07/2025
Aluminum	7540	4.17	mg/kg wet	5700		132	53.2-146.2				
Antimony	46.1	2.08	"	84.2		54.8	0.1-199				
Arsenic	145	1.25	"	123		117	81.1-119.6				
Barium	187	2.08	"	159		117	81.7-118.3				
Beryllium	238	0.042	"	200		119	82.1-117.5	High Bias			
Cadmium	181	0.250	"	158		114	82.1-118.4				
Calcium	4040	4.17	"	3360		120	82.1-117.9	High Bias			
Chromium	131	0.417	"	110		119	81.1-118.9	High Bias			
Cobalt	128	0.333	"	105		122	82.5-117.5	High Bias			
Copper	248	1.67	"	195		127	82.9-117.5	High Bias			
Iron	6690	20.8	"	5690		118	59.7-140.4				
Lead	92.7	0.417	"	82.2		113	81.8-117.6				
Magnesium	2090	4.17	"	1630		128	76-124	High Bias			
Manganese	230	0.417	"	203		113	80.7-119.3				
Nickel	157	0.830	"	129		121	81.9-118.1	High Bias			
Potassium	2180	4.17	"	1720		126	71-128.5				
Selenium	118	2.08	"	103		114	78.5-121				
Silver	53.3	0.420	"	45.8		117	79.4-120.8				
Sodium	286	41.7	"	229		125	73.5-126.2				
Thallium	175	1.67	"	152		115	80.3-119.7				
Vanadium	136	0.830	"	114		119	78.1-121.9				
Zinc	339	2.08	"	288		118	79.4-120.6				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50270 - EPA 7473 soil											
Blank (BG50270-BLK1)									Prepared & Analyzed: 07/03/2025		
Mercury	ND	0.0300	mg/kg wet								
Reference (BG50270-SRM1)									Prepared & Analyzed: 07/03/2025		
Mercury	23.391		mg/kg	24.0		97.5	55.8-109.6				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50254 - Analysis Preparation Soil											
Blank (BG50254-BLK1)									Prepared & Analyzed: 07/03/2025		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BG50254-SRM1)									Prepared & Analyzed: 07/03/2025		
Cyanide, total	131		ug/mL	111		118	43.5-170				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50269 - % Solids Prep											
Duplicate (BG50269-DUP1)	*Source sample: 25G0101-14 (PCI-B-28_6.0-7.5)								Prepared & Analyzed: 07/03/2025		
% Solids	83.8	0.100	%		83.1				0.883	20	
Batch BG50383 - % Solids Prep											
Duplicate (BG50383-DUP1)	*Source sample: 25G0101-23 (PCI-FD01-250630)								Prepared & Analyzed: 07/07/2025		
% Solids	91.3	0.100	%		91.9				0.684	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25G0101-10	PCI-B-27_8.0-10.0	40mL Vial with Stir Bar-Cool 4° C
25G0101-14	PCI-B-28_6.0-7.5	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
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.
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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%)

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

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YORK Project Number: 25G0101

Report To:	Invoice To:	YOUR Project Name / Number
Company: C.T. Male Associates	Company: C.T. Male Associates	HVRA-N. Hangar 18.8090
Address: 50 Century Hill Drive Latham, NY 12110	Address: 50 Century Hill Drive Latham, NY 12110	
Phone.: (518) 786-7400	Phone.: (518) 786-7400	PO Number: 18.8090 Task 230
Contact: Eric White	Contact: Eric White	
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.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)

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

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) [X]; PFAS Standard 7-10 Day [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) Part 375 PG+C SCOs

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:	PFAS by 1633	TCL VOCs + 10 TICs	TCL SVOCs + 20 TICs (including 1,4-Dioxane)	Pesticides	PCBs	TAL Metals	Cyanide			* Hold PFAS Sample for Analysis	* Hold TCL/TAL list for Analysis	Grab or Comp.
PCI-EB01-250630	06/30/25	10:25	S	X										X											
PCI-EB02-250630		1030	S	X										X											
PCI-B-25_0.0-0.17		1210	S	X										X											
PCI-B-25_0.17-1.0		1215	S	X										X											
PCI-B-25_1.0-2.0		1225	S	X										X											
PCI-B-25_10.0-11.5		1240	S	X		X							X	X	X	X	X	X	X	X			X	X	
PCI-B-27_0.0-0.17		1130	S	X										X											
PCI-B-27_0.17-1.0		1135	S	X										X											
PCI-B-27_1.0-2.0		1140	S	X										X											
PCI-B-27_8.0-10.0		1145	S	X		X							X	X	X	X	X	X	X	X			X		
PCI-B-28_0.0-0.17		1340	S	X										X											
PCI-B-28_0.17-1.0		1345	S	X										X											
PCI-B-28_1.0-2.0		1350	S	X										X											
PCI-B-28_6.0-7.5		1410	S	X		X							X	X	X	X	X	X	X	X					
PCI-B-29_0.0-0.17		1320	S	X										X											

Field Filtered [ ]

Lab Filtered [ ]

Comments: *See Analysis Column for Samples to be held for analysis

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

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[illegible] / CTM	7/1/25 10:11	Chris C	7-1-25 10:10	Chris C	7-1-25 16:00
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	7/1/25 1600 / 2.7 Degrees C

Field Chain-of-Custody Record

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YORK Project Number: 25G0101

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Phone: (518) 786-7400	Phone: (518) 786-7400
Contact: Eric White	Contact: Eric White
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.com

YOUR Project Name / Number: HURA - N. Hangar 18.8090

PO Number: 18.8090 Task 230

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

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.

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Preservative (please list number of containers)

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PCI-B-29_0.17-1.0	06/30/25	1325	S	X										X											
PCI-B-29_1.0-2.0		1330	S	X										X											
PCI-B-29_6.0-9.0		1340	S	X		X							X	X	X	X	X	X	X	X			X	X	
PCI-B-20_0.0-0.17		1455	S	X										X											
PCI-B-20_0.17-1.0		1500	S	X										X											
PCI-B-20_1.0-2.0		1505	S	X										X											
PCI-B-20_9.0-11.0		1510	S	X										X									X		
PCI-FD01-250630		—	S	X										X											
PCI-B-20_9.0-11.0 MS		1510	S	X										X									X		
PCI-B-20_9.0-11.0 MSD		1510	S	X										X									X		

Turn-Around Time: RUSH - Next Day [ ]; RUSH - Two Day [ ]; RUSH - Three Day [ ]; RUSH - Four Day [ ]; RUSH - Five Day [ ]; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day [X]

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Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Kelly Loughlin/CTM	7/1/25 10:11	Chris C	7-1-25 10:11	Chris C	7-1-25 16:00
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					7/1/25 16:00 2.7 Degrees C

Field Chain-of-Custody Record

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Address: 50 Century Hill Drive Latham, NY 12110	Address: 50 Century Hill Drive Latham, NY 12110
Phone: (515) 756-7400	Phone: (515) 756-7400
Contact: Eric White	Contact: Eric White
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.com

YOUR Project Name / Number: HVRA-N. Hangar 18.5090

PO Number: 18.8090 Task 230

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

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PCI-EB01-250630	06/30/25	10:25	~~SW~~ W	X										X											G
PCI-EB02-250630		1030	~~SW~~ W	X										X											G
PCI-B-25_0.0-0.17		1310	S	X										X											G
PCI-B-25_0.17-1.0		1315	S	X										X											G
PCI-B-25_1.0-2.0		1225	S	X										X											G
PCI-B-25_10.0-11.5		1240	S	X		X							X	X	X	X	X	X	X	X			X	X	G
PCI-B-27_0.0-0.17		1130	S	X										X											G
PCI-B-27_0.17-1.0		1135	S	X										X											G
PCI-B-27_1.0-2.0		1140	S	X										X											G
PCI-B-27_8.0-10.0		1145	S	X		X							X	X	X	X	X	X	X	X			X		G
PCI-B-28_0.0-0.17		1240	S	X										X											G
PCI-B-28_0.17-1.0		1245	S	X										X											G
PCI-B-28_1.0-2.0		1350	S	X										X											G
PCI-B-28_6.0-7.5		1410	S	X		X							X	X	X	X	X	X	X	X					G
PCI-B-29_0.0-0.17		1320	S	X										X											G

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day [X]

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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	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature] / CTM	7/1/25 10:11	[signature] C	7-1-25 10:10		
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 (Degrees C)

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Phone: (518) 786-7400	Phone: (518) 786-7400
Contact: Eric White	Contact: Eric White
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.com

YOUR Project Name / Number: IIURH - N. Harbor 15.5090

PO Number: 18.80910 Task 230

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) [X]; PFAS Standard 7-10 Day [X]

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PCT-F-29_0.17-1.0	06/30/25	1325	S	X										X											G
PCT-B-29_1.0-2.0	"	1330	S	X										X											G
PCT-B-29_6.0-9.0	"	1340	S	X		X							X	X	X	X	X	X	X	X			X	X	G
PCT-B-20_0.0-0.17	"	1455	S	X										X											G
PCT-B-20_0.17-1.0	"	1500	S	X										X											G
PCT-B-20_1.0-2.0	"	1505	S	X										X				X	X						G
PCT-B-20_9.0-11.0	"	1510	S	X		16	[illegible]							X									X		G
PCT-FD01-250630	↓	—	S	X										X											G
PCT-B-20_9.0-11.0 MS	↓	1510	S	X										X									X		G
PCT-B-20_9.0-11.0 MSD	↓	1510	S	X										X				X					X		G

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) Part 375 P6 + C SCOs

Field Filtered [ ]; Lab Filtered [ ]

Comments: See Analysis Column for Samples to be held for analysis.

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	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature] / CTM	7/1/25 10:11	[signature] C	7-1-25 10:11		
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 (Degrees C)

Technical Report

prepared for:

C.T. Male Associates, D.P.C.
50 Century Hill Dr.
Latham NY/USA, 12110
Attention: Eric White

Report Date: 07/16/2025
Client Project ID: HVRA N - Hangar 18.8090
York Project (SDG) No.: 25G0333

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: 07/16/2025
Client Project ID: HVRA N - Hangar 18.8090
York Project (SDG) No.: 25G0333

C.T. Male Associates, D.P.C.
50 Century Hill Dr.
Latham NY/USA, 12110
Attention: Eric White

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 July 03, 2025 and listed below. The project was identified as your project: **HVRA N - Hangar 18.8090**.

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
25G0333-01	PCI-EB01-250702	Water	07/02/2025	07/03/2025
25G0333-02	PCI-EB02-250702	Water	07/02/2025	07/03/2025
25G0333-03	PCI-TB01-250702	Water	07/02/2025	07/03/2025
25G0333-04	PCI-B-08-0.0-0.17	Soil	07/02/2025	07/03/2025
25G0333-05	PCI-B-08-0.17-1.0	Soil	07/02/2025	07/03/2025
25G0333-06	PCI-B-08-1.0-2.0	Soil	07/02/2025	07/03/2025
25G0333-07	PCI-B-08-10.0-12.0	Soil	07/02/2025	07/03/2025
25G0333-08	PCI-B-03-0.0-0.17	Soil	07/02/2025	07/03/2025
25G0333-09	PCI-B-03-0.17-1.0	Soil	07/02/2025	07/03/2025
25G0333-10	PCI-B-03-1.0-2.0	Soil	07/02/2025	07/03/2025
25G0333-11	PCI-B-03-10.0-12.0	Soil	07/02/2025	07/03/2025
25G0333-12	PCI-B-05-0.0-0.17	Soil	07/02/2025	07/03/2025
25G0333-13	PCI-B-05-0.17-1.0	Soil	07/02/2025	07/03/2025
25G0333-14	PCI-B-05-1.0-2.0	Soil	07/02/2025	07/03/2025
25G0333-16	PCI-B-12-0.0-0.17	Soil	07/02/2025	07/03/2025
25G0333-17	PCI-B-12-0.17-1.0	Soil	07/02/2025	07/03/2025
25G0333-18	PCI-B-12-1.0-2.0	Soil	07/02/2025	07/03/2025
25G0333-20	PCI-B-11-0.0-0.17	Soil	07/02/2025	07/03/2025
25G0333-21	PCI-B-11-0.17-1.0	Soil	07/02/2025	07/03/2025
25G0333-22	PCI-B-11-1.0-2.0	Soil	07/02/2025	07/03/2025
25G0333-23	PCI-B-11-6.0-7.5	Soil	07/02/2025	07/03/2025
25G0333-24	PCI-B-07-0.0-0.17	Soil	07/02/2025	07/03/2025

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25G0333-25	PCI-B-07-0.17-1.0	Soil	07/02/2025	07/03/2025
25G0333-26	PCI-B-07-1.0-2.0	Soil	07/02/2025	07/03/2025
25G0333-27	PCI-B-07-7.0-9.5	Soil	07/02/2025	07/03/2025
25G0333-28	PCI-B-22-0.0-0.17	Soil	07/02/2025	07/03/2025
25G0333-29	PCI-B-22-0.17-1.0	Soil	07/02/2025	07/03/2025
25G0333-30	PCI-B-22-1.0-2.0	Soil	07/02/2025	07/03/2025
25G0333-32	PCI-B-19-0.0-0.17	Soil	07/02/2025	07/03/2025
25G0333-33	PCI-B-19-0.17-1.0	Soil	07/02/2025	07/03/2025
25G0333-34	PCI-B-19-1.0-2.0	Soil	07/02/2025	07/03/2025
25G0333-36	PCI-B-14-0.0-0.17	Soil	07/02/2025	07/03/2025
25G0333-37	PCI-B-14-0.17-1.0	Soil	07/02/2025	07/03/2025
25G0333-38	PCI-B-14-1.0-2.0	Soil	07/02/2025	07/03/2025
25G0333-39	PCI-B-14-6.0-8.0	Soil	07/02/2025	07/03/2025
25G0333-40	PCI-B-26-0.0-0.17	Soil	07/02/2025	07/03/2025
25G0333-41	PCI-B-26-0.17-1.0	Soil	07/02/2025	07/03/2025
25G0333-42	PCI-B-26-1.0-2.0	Soil	07/02/2025	07/03/2025
25G0333-43	PCI-B-26-4.0-6.0	Soil	07/02/2025	07/03/2025
25G0333-44	PCI-FD01-250702	Soil	07/02/2025	07/03/2025
25G0333-45	PCI-MC01-250703	Soil	07/03/2025	07/03/2025
25G0333-46	PCI-RB01-250703	Water	07/03/2025	07/03/2025
25G0333-47	PCI-B-1-0.0-0.17	Soil	07/03/2025	07/03/2025
25G0333-48	PCI-B-1-0.17-1.0	Soil	07/03/2025	07/03/2025
25G0333-49	PCI-B-1-1.0-2.0	Soil	07/03/2025	07/03/2025
25G0333-50	PCI-B-1-4.0-5.0	Soil	07/03/2025	07/03/2025
25G0333-51	PCI-FD02-250702	Soil	07/02/2025	07/03/2025
25G0333-52	PCI-FD03-250702	Soil	07/02/2025	07/03/2025
25G0333-53	PCI-B-02_0.0-0.17	Soil	07/03/2025	07/03/2025
25G0333-54	PCI-B-02_0.17-1.0	Soil	07/03/2025	07/03/2025
25G0333-55	PCI-B-02_1.0-2.0	Soil	07/03/2025	07/03/2025

General Notes for York Project (SDG) No.: 25G0333

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: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 07/16/2025

Sample Information

Client Sample ID: PCI-EB01-250702 **York Sample ID:** 25G0333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 7:45 am	07/03/2025

Volatile Organics, 8260 Low Comprehensive

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 Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
123-91-1	1,4-Dioxane	ND	QL-02	ug/L	35.3	80.0	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB

Sample Information

Client Sample ID: PCI-EB01-250702 **York Sample ID:** 25G0333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 7:45 am	07/03/2025

Volatile Organics, 8260 Low Comprehensive

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 Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
67-64-1	**Acetone**	**7.20**	CCVE	ug/L	1.34	2.00	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PMB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	2.00	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB

Sample Information

Client Sample ID: PCI-EB01-250702 **York Sample ID:** 25G0333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 7:45 am	07/03/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
91-20-3	**Naphthalene**	**3.05**	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(	PMB
104-51-8	n-Butylbenzene	ND	QL-02	ug/L	0.399	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PMB
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26	PMB
99-87-6	p-Isopropyltoluene	ND	QL-02	ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB

Sample Information

Client Sample ID: PCI-EB01-250702 **York Sample ID:** 25G0333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 7:45 am	07/03/2025

Volatile Organics, 8260 Low Comprehensive

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	ug/L	0.469	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	07/11/2025 20:49	07/12/2025 00:26	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*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 Certifications:	07/11/2025 20:49	07/12/2025 00:26	PMB

Semi-Volatiles, 8270 Comprehensive

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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-EB01-250702 **York Sample ID:** 25G0333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 7:45 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

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
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-EB01-250702 **York Sample ID:** 25G0333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 7:45 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

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
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK 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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.1 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*17.7 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.5 %*	*39.9-105*

Sample Information

Client Sample ID: PCI-EB01-250702 **York Sample ID:** 25G0333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 7:45 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

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
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*93.8 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.4 %*			*30.7-106*						

Semi-Volatiles, 8270 (SIM)

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 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2025 08:28	07/10/2025 16:16	AAK
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2025 08:28	07/10/2025 16:16	AAK
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2025 08:28	07/10/2025 16:16	AAK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2025 08:28	07/10/2025 16:16	AAK
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2025 08:28	07/10/2025 16:16	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK

Sample Information

Client Sample ID: PCI-EB01-250702 **York Sample ID:** 25G0333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 7:45 am	07/03/2025

Semi-Volatiles, 8270 (SIM)

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
98-95-3	Nitrobenzene	ND	ICVE	ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2025 08:28	07/10/2025 16:16	AAK
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2025 08:28	07/10/2025 16:16	AAK
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/09/2025 08:28	07/10/2025 16:16	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 08:28	07/10/2025 16:16	AAK

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	07/07/2025 08:35	07/07/2025 17:41	SS

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

Q_P_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	0.477	1.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.355	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.720	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.690	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.426	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.832	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.527	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.761	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.15	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.893	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM

Sample Information

Client Sample ID: PCI-EB01-250702 **York Sample ID:** 25G0333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 7:45 am	07/03/2025

Q_P_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	0.751	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.700	2.03	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.801	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.04	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.233	4.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.893	2.03	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.923	1.94	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.34	1.96	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.61	7.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.08	7.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.335	8.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.507	3.61	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/12/2025 17:38	07/16/2025 05:18	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ng/L	2.17	4.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/12/2025 17:38	07/16/2025 05:18	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.254	4.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/12/2025 17:38	07/16/2025 05:18	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.375	4.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/12/2025 17:38	07/16/2025 05:18	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.771	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.82	7.61	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.28	8.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.40	7.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.710	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
919005-14-4	ADONA	ND		ng/L	0.538	7.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ng/L	0.943	1.97	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:18	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.872	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:18	AM

Sample Information

Client Sample ID: PCI-EB01-250702 **York Sample ID:** 25G0333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 7:45 am	07/03/2025

Q_P_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	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.06	5.07	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:18	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	7.44	25.4	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:18	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	9.61	25.4	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:18	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.05	20.3	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:18	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.60	2.03	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:18	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.05	20.3	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:18	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.83	2.03	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:18	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*97.5 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*90.0 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*98.3 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*93.1 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*90.5 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*79.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*75.1 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*52.9 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*36.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.53 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*82.0 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*67.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*98.6 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*68.8 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*66.6 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*136 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*113 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*92.9 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*130 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*75.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*65.8 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*83.5 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*46.9 %*		*25-150*

Sample Information

Client Sample ID: PCI-EB01-250702 **York Sample ID:** 25G0333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 7:45 am	07/03/2025

Q_P_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
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*49.3 %*			*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 Certifications:	07/09/2025 08:14	07/10/2025 12:42	AK

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	07/09/2025 08:34	07/09/2025 23:01	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-EB01-250702 **York Sample ID:** 25G0333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 7:45 am	07/03/2025

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	07/09/2025 08:34	07/09/2025 23:01	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	07/09/2025 08:34	07/09/2025 23:01	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	07/09/2025 08:34	07/09/2025 23:01	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	07/09/2025 08:34	07/09/2025 23:01	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	07/09/2025 08:34	07/09/2025 23:01	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	07/09/2025 08:34	07/09/2025 23:01	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.7 %*	*30-150*

PCB, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	07/09/2025 08:31	07/09/2025 18:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	07/09/2025 08:31	07/09/2025 18:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	07/09/2025 08:31	07/09/2025 18:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	07/09/2025 08:31	07/09/2025 18:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	07/09/2025 08:31	07/09/2025 18:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	07/09/2025 08:31	07/09/2025 18:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	07/09/2025 08:31	07/09/2025 18:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	07/09/2025 08:31	07/09/2025 18:46	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.0 %*	*30-120*

Metals, Target Analyte

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

Sample Information

Client Sample ID: PCI-EB01-250702 **York Sample ID:** 25G0333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 7:45 am	07/03/2025

7429-90-5	Aluminum	ND	mg/L	0.056	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-36-0	Antimony	ND	mg/L	0.028	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-38-2	Arsenic	ND	mg/L	0.017	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-39-3	Barium	ND	mg/L	0.028	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-41-7	Beryllium	ND	mg/L	0.0006	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND	mg/L	0.003	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-70-2	**Calcium**	**0.584**	mg/L	0.056	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-47-3	Chromium	ND	mg/L	0.006	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	Cobalt	ND	mg/L	0.004	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-50-8	Copper	ND	mg/L	0.022	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-89-6	Iron	ND	mg/L	0.278	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-92-1	Lead	ND	mg/L	0.006	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-95-4	Magnesium	ND	mg/L	0.056	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-96-5	**Manganese**	**0.006**	mg/L	0.006	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	Nickel	ND	mg/L	0.011	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-09-7	**Potassium**	**0.080**	mg/L	0.056	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	* Selenium	ND	mg/L	0.028	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723		
7440-22-4	Silver	ND	mg/L	0.006	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	**Sodium**	**0.780**	mg/L	0.556	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-28-0	Thallium	ND	mg/L	0.028	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-62-2	Vanadium	ND	mg/L	0.011	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	Zinc	ND	mg/L	0.028	1	EPA 6010D	07/09/2025 08:11	07/09/2025 15:56	AGNR
						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

Sample Information

Client Sample ID: PCI-EB01-250702 **York Sample ID:** 25G0333-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 7:45 am	07/03/2025

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	07/09/2025 07:55	07/09/2025 07:55	DBT
							Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY10854			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-2016	07/10/2025 14:42	07/10/2025 18:30	sml
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: PCI-EB02-250702 **York Sample ID:** 25G0333-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 8:00 am	07/03/2025

Q_P_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	0.457	1.72	1	EPA 1633 Draft 3	07/12/2025 17:38	07/16/2025 05:43	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.340	1.94	1	EPA 1633 Draft 3	07/12/2025 17:38	07/16/2025 05:43	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.690	1.94	1	EPA 1633 Draft 3	07/12/2025 17:38	07/16/2025 05:43	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.661	1.78	1	EPA 1633 Draft 3	07/12/2025 17:38	07/16/2025 05:43	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.408	1.94	1	EPA 1633 Draft 3	07/12/2025 17:38	07/16/2025 05:43	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.797	1.81	1	EPA 1633 Draft 3	07/12/2025 17:38	07/16/2025 05:43	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.505	1.94	1	EPA 1633 Draft 3	07/12/2025 17:38	07/16/2025 05:43	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.729	1.94	1	EPA 1633 Draft 3	07/12/2025 17:38	07/16/2025 05:43	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.10	1.94	1	EPA 1633 Draft 3	07/12/2025 17:38	07/16/2025 05:43	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.855	1.94	1	EPA 1633 Draft 3	07/12/2025 17:38	07/16/2025 05:43	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-EB02-250702 **York Sample ID:** 25G0333-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 8:00 am	07/03/2025

Q_P_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	0.719	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.671	1.94	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.768	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.00	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.224	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.855	1.94	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.884	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.28	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.29	7.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.99	7.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.321	7.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.486	3.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/12/2025 17:38	07/16/2025 05:43	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ng/L	2.08	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/12/2025 17:38	07/16/2025 05:43	AM
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	07/12/2025 17:38	07/16/2025 05:43	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.360	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/12/2025 17:38	07/16/2025 05:43	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.739	1.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
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	07/12/2025 17:38	07/16/2025 05:43	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.14	7.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.34	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.680	7.27	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
919005-14-4	ADONA	ND		ng/L	0.515	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ng/L	0.904	1.89	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:43	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.836	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/12/2025 17:38	07/16/2025 05:43	AM

Sample Information

Client Sample ID: PCI-EB02-250702 **York Sample ID:** 25G0333-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 8:00 am	07/03/2025

Q_P_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	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	1.97	4.86	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:43	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	7.12	24.3	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:43	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	9.20	24.3	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:43	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.88	19.4	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:43	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.54	1.94	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:43	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.88	19.4	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:43	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.75	1.94	1	EPA 1633 Draft 3 Certifications:	07/12/2025 17:38	07/16/2025 05:43	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*102 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*126 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*109 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*95.7 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*70.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.52 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*91.3 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*60.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*117 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*81.6 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*74.3 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*170 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*139 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*97.9 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*172 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*81.8 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*89.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*99.2 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*60.2 %*		*25-150*

Sample Information

Client Sample ID: PCI-EB02-250702 **York Sample ID:** 25G0333-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 8:00 am	07/03/2025

Q_P_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
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*63.7 %*			*25-150*						

Sample Information

Client Sample ID: PCI-TB01-250702 **York Sample ID:** 25G0333-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 8:00 am	07/03/2025

Volatile Organics, 8260 Low Comprehensive

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 Certifications:	07/11/2025 20:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/11/2025 23:56	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/11/2025 23:56	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/11/2025 23:56	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/11/2025 23:56	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/11/2025 23:56	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/11/2025 23:56	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/11/2025 23:56	PMB
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/11/2025 23:56	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/11/2025 23:56	PMB
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	07/11/2025 23:56	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/11/2025 23:56	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/11/2025 23:56	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/11/2025 23:56	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/11/2025 23:56	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	07/11/2025 23:56	PMB

Sample Information

Client Sample ID: PCI-TB01-250702 **York Sample ID:** 25G0333-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 8:00 am	07/03/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
123-91-1	1,4-Dioxane	ND	QL-02	ug/L	35.3	80.0	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	2.00	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,

Sample Information

Client Sample ID: PCI-TB01-250702 **York Sample ID:** 25G0333-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 8:00 am	07/03/2025

Volatile Organics, 8260 Low Comprehensive

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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB 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 Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
91-20-3	**Naphthalene**	**16.9**	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(
104-51-8	n-Butylbenzene	ND	QL-02	ug/L	0.399	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB
99-87-6	p-Isopropyltoluene	ND	QL-02	ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	07/11/2025 20:49	07/11/2025 23:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,

Sample Information

Client Sample ID: PCI-TB01-250702 **York Sample ID:** 25G0333-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 2, 2025 8:00 am	07/03/2025

Volatile Organics, 8260 Low Comprehensive

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)**	**0.720**	J	ug/L	0.608	1.00	1	EPA 8260D	07/11/2025 20:49	07/11/2025 23:56	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	07/11/2025 20:49	07/11/2025 23:56	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	07/11/2025 20:49	07/11/2025 23:56	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	07/11/2025 20:49	07/11/2025 23:56	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	07/11/2025 20:49	07/11/2025 23:56	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	07/11/2025 20:49	07/11/2025 23:56	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D	07/11/2025 20:49	07/11/2025 23:56	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	07/11/2025 20:49	07/11/2025 23:56	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	ug/L	0.469	0.500	1	EPA 8260D	07/11/2025 20:49	07/11/2025 23:56	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	07/11/2025 20:49	07/11/2025 23:56	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.3 %*	*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	**Methylnaphthalene isomer**	**42**	J	ug/L			1	EPA 8260C	07/11/2025 20:49	07/11/2025 23:56	PMB
								Certifications:			
000827-54-3	**Naphthalene, ethenyl- ISOMER**	**11**	J	ug/L			1	EPA 8260C	07/11/2025 20:49	07/11/2025 23:56	PMB
								Certifications:			
NA	**Naphthalene, methyl- ISOMER**	**37**	J	ug/L			1	EPA 8260C	07/11/2025 20:49	07/11/2025 23:56	PMB
								Certifications:			

Sample Information

Client Sample ID: PCI-B-08-0.0-0.17 **York Sample ID:** 25G0333-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:35 am	07/03/2025

Sample Information

Client Sample ID: PCI-B-08-0.0-0.17 **York Sample ID:** 25G0333-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:35 am	07/03/2025

Q_P_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	07/08/2025 11:20	07/10/2025 19:25	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0980**	J	ug/kg dry	0.0659	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:25	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.134**	J	ug/kg dry	0.131	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.444**		ug/kg dry	0.214	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:25	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.472**		ug/kg dry	0.208	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:25	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.252**		ug/kg dry	0.235	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.190**	J	ug/kg dry	0.136	0.498	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	AM

Sample Information

Client Sample ID: PCI-B-08-0.0-0.17 **York Sample ID:** 25G0333-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:35 am	07/03/2025

Q_P_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	07/08/2025 11:20	07/10/2025 19:25	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.240	0.498	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:25	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0771	0.498	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:25	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.119	0.498	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.387	0.940	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:25	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.306	0.931	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:25	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.216	0.940	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:25	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.210	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:25	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	07/08/2025 11:20	07/10/2025 19:25	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.789	1.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:25	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.61	6.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:25	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.87	6.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:25	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.760	2.49	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:25	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.224	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:25	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.867	2.49	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:25	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.246	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:25	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*95.8 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*97.0 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*114 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*97.6 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-08-0.0-0.17 **York Sample ID:** 25G0333-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:35 am	07/03/2025

Q_P_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 acid (M8PFOA)*	*95.0 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*88.0 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*83.0 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*72.0 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.9 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.25 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*101 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*75.1 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*87.2 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*72.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*88.2 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*113 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*106 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*88.1 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*124 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*70.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*62.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*91.5 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*61.1 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*58.3 %*			*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**	**80.2**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-08-0.17-1.0 **York Sample ID:** 25G0333-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:40 am	07/03/2025

Sample Information

Client Sample ID: PCI-B-08-0.17-1.0 **York Sample ID:** 25G0333-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:40 am	07/03/2025

Q_P_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	07/08/2025 11:20	07/10/2025 19:38	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0597	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	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	07/08/2025 11:20	07/10/2025 19:38	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.188	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	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	07/08/2025 11:20	07/10/2025 19:38	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	07/08/2025 11:20	07/10/2025 19:38	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	07/08/2025 11:20	07/10/2025 19:38	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	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	07/08/2025 11:20	07/10/2025 19:38	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	07/08/2025 11:20	07/10/2025 19:38	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	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	07/08/2025 11:20	07/10/2025 19:38	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.845	0.856	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.851	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.901	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.401	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:38	AM

Sample Information

Client Sample ID: PCI-B-08-0.17-1.0 **York Sample ID:** 25G0333-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:40 am	07/03/2025

Q_P_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		ug/kg dry	0.217	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:38	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0699	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:38	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:38	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	07/08/2025 11:20	07/10/2025 19:38	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.670	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.685	0.901	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.350	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.277	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.190	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:38	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:38	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.714	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:38	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.36	5.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:38	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.69	5.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:38	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.689	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:38	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:38	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.785	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:38	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:38	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*107 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*91.7 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*105 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*92.9 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*88.3 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-08-0.17-1.0 **York Sample ID:** 25G0333-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:40 am	07/03/2025

Q_P_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*	*85.2 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*64.0 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*51.8 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.20 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*88.5 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*71.1 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*73.6 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*55.2 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*65.5 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*127 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*95.2 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*87.3 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*120 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*61.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*46.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*94.0 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*41.9 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*45.4 %*			*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**	**88.4**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-08-1.0-2.0 **York Sample ID:** 25G0333-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:45 am	07/03/2025

Q_P_PFAS, EPA 1633 Target List

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

Sample Information

Client Sample ID: PCI-B-08-1.0-2.0 **York Sample ID:** 25G0333-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:45 am	07/03/2025

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	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0581	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.189	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.183	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.207	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.210	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.213	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.823	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.828	0.842	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.390	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:50	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.212	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:50	AM

Sample Information

Client Sample ID: PCI-B-08-1.0-2.0 **York Sample ID:** 25G0333-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:45 am	07/03/2025

Q_P_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	0.0680	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:50	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:50	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.653	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.667	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.341	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.270	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.191	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:50	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 19:50	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.695	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:50	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.30	5.48	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:50	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.65	5.48	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:50	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.670	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:50	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:50	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.765	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:50	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 19:50	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*97.5 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*98.1 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*117 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*96.3 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*87.0 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*76.7 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-08-1.0-2.0 **York Sample ID:** 25G0333-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:45 am	07/03/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*58.0 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*43.3 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.74 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*94.5 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*58.4 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*76.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*52.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*66.6 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*119 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*95.9 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*83.6 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*115 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*57.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*56.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*44.2 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*49.2 %*			*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**	**91.2**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-B-08-10.0-12.0 **York Sample ID:** 25G0333-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:50 am	07/03/2025

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: PCI-B-08-10.0-12.0 **York Sample ID:** 25G0333-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:50 am	07/03/2025

630-20-6	1,1,1,2-Tetrachloroethane	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-55-6	1,1,1-Trichloroethane	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-34-5	1,1,2,2-Tetrachloroethane	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
79-00-5	1,1,2-Trichloroethane	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-34-3	1,1-Dichloroethane	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-35-4	1,1-Dichloroethylene	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
563-58-6	1,1-Dichloropropylene	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
87-61-6	1,2,3-Trichlorobenzene	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
96-18-4	1,2,3-Trichloropropane	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
95-63-6	1,2,4-Trimethylbenzene	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
96-12-8	1,2-Dibromo-3-chloropropane	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
106-93-4	1,2-Dibromoethane	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-50-1	1,2-Dichlorobenzene	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
107-06-2	1,2-Dichloroethane	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
78-87-5	1,2-Dichloropropane	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-67-8	1,3,5-Trimethylbenzene	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
541-73-1	1,3-Dichlorobenzene	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
142-28-9	1,3-Dichloropropane	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
123-91-1	1,4-Dioxane	ND	mg/kg dry	0.048	0.097	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
594-20-7	2,2-Dichloropropane	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-49-8	2-Chlorotoluene	ND	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:06	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: PCI-B-08-10.0-12.0 **York Sample ID:** 25G0333-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:50 am	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-64-1	**Acetone**	**0.026**		mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-B-08-10.0-12.0 **York Sample ID:** 25G0333-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:50 am	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-20-9	Methyl acetate	ND	ICVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.012	0.024	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,

Sample Information

Client Sample ID: PCI-B-08-10.0-12.0 **York Sample ID:** 25G0333-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:50 am	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/07/2025 11:27	07/07/2025 23:06	PRS

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40 NELAC-NY10854,PADEP-68-04440	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	ICVE	mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40 NELAC-NY10854,PADEP-68-04440	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40 NELAC-NY10854,PADEP-68-04440	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: PCI-B-08-10.0-12.0 **York Sample ID:** 25G0333-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:50 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E, CCVE	mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
101-55-3	4-Bromophenyl phenyl ether	ND	ICVE	mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
83-32-9	Acenaphthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
98-86-2	Acetophenone	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-B-08-10.0-12.0 **York Sample ID:** 25G0333-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:50 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		mg/kg dry	0.185	0.369	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
1912-24-9	Atrazine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND	CAL-E, CCVE	mg/kg dry	0.185	0.369	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
218-01-9	Chrysene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-B-08-10.0-12.0 **York Sample ID:** 25G0333-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:50 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
206-44-0	Fluoranthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-73-7	Fluorene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND	ICVE	mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
78-59-1	Isophorone	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
91-20-3	Naphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-01-8	Phenanthrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
108-95-2	Phenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
129-00-0	Pyrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.369	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.0 %*	*22-108*

Sample Information

Client Sample ID: PCI-B-08-10.0-12.0 **York Sample ID:** 25G0333-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:50 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*48.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.0 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

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/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/10/2025 09:33	07/10/2025 17:00	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.0 %*	*39-127.5*

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**9-Octadecenamide isomer RT1...**	**1120**	J, B	ug/kg dry			2	EPA 8270D Certifications:	07/07/2025 08:57	07/08/2025 12:40	SS

Pesticides, 8081 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 09:38	07/09/2025 22:30	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 09:38	07/09/2025 22:30	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 09:38	07/09/2025 22:30	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 09:38	07/09/2025 22:30	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 09:38	07/09/2025 22:30	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	07/09/2025 09:38	07/09/2025 22:30	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 09:38	07/09/2025 22:30	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 09:38	07/09/2025 22:30	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 09:38	07/09/2025 22:30	RJ

Sample Information

Client Sample ID: PCI-B-08-10.0-12.0 **York Sample ID:** 25G0333-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:50 am	07/03/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:30	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
8001-35-2	Toxaphene	ND		mg/kg dry	0.184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0367	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:30	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*102 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PCI-B-08-10.0-12.0 **York Sample ID:** 25G0333-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:50 am	07/03/2025

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:04	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*119 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15400**		mg/kg dry	4.65	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-38-2	**Arsenic**	**6.02**		mg/kg dry	1.40	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**42.3**		mg/kg dry	2.32	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	**Beryllium**	**0.529**		mg/kg dry	0.047	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-43-9	Cadmium	ND		mg/kg dry	0.279	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-70-2	**Calcium**	**753**		mg/kg dry	4.65	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.466	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-48-4	**Cobalt**	**10.0**		mg/kg dry	0.372	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**29.0**		mg/kg dry	1.86	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-89-6	**Iron**	**31900**		mg/kg dry	23.3	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**16.4**		mg/kg dry	0.466	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-95-4	**Magnesium**	**7490**		mg/kg dry	4.66	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**1110**		mg/kg dry	0.466	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: PCI-B-08-10.0-12.0 **York Sample ID:** 25G0333-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 9:50 am	07/03/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**24.0**		mg/kg dry	0.927	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-09-7	**Potassium**	**1170**		mg/kg dry	4.66	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.469	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	Sodium	ND		mg/kg dry	46.5	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-28-0	Thallium	ND		mg/kg dry	1.86	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-62-2	**Vanadium**	**16.0**		mg/kg dry	0.927	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-66-6	**Zinc**	**67.7**		mg/kg dry	2.32	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0506**		mg/kg dry	0.0335	1	EPA 7473	07/08/2025 08:22	07/08/2025 13:42	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444(		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.558	1	EPA 9014/9010C	07/09/2025 14:46	07/09/2025 20:45	sml
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

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**	**89.5**		%	0.100	1	SM 2540G	07/09/2025 07:04	07/09/2025 08:55	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-B-03-0.0-0.17 **York Sample ID:** 25G0333-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 10:40 am	07/03/2025

Q_P_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	07/08/2025 11:20	07/10/2025 20:02	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0570	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.224**		ug/kg dry	0.180	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.209	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.807	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.813	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.383	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:02	AM

Sample Information

Client Sample ID: PCI-B-03-0.0-0.17 **York Sample ID:** 25G0333-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 10:40 am	07/03/2025

Q_P_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		ug/kg dry	0.208	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:02	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0667	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:02	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:02	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.640	0.807	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.654	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.335	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.265	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.182	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:02	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:02	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.682	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:02	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.26	5.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:02	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.61	5.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:02	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.658	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:02	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.194	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:02	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.750	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:02	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:02	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*98.4 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*100 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*116 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*101 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*103 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*84.7 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-03-0.0-0.17 **York Sample ID:** 25G0333-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 10:40 am	07/03/2025

Q_P_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*	*68.2 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*50.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*48.2 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*2.62 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*83.0 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*64.2 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*80.7 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*53.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*61.9 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*121 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*87.1 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*84.5 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*125 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*62.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*50.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*98.2 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*43.6 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*44.6 %*			*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**	**92.7**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-03-0.17-1.0 **York Sample ID:** 25G0333-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 10:45 am	07/03/2025

Q_P_PFAS, EPA 1633 Target List

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

Sample Information

Client Sample ID: PCI-B-03-0.17-1.0 **York Sample ID:** 25G0333-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 10:45 am	07/03/2025

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	0.120	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0572	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.180	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.209	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.809	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.814	0.828	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.863	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.384	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:14	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.208	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:14	AM

Sample Information

Client Sample ID: PCI-B-03-0.17-1.0 **York Sample ID:** 25G0333-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 10:45 am	07/03/2025

Q_P_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	0.0669	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:14	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:14	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.642	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.656	0.863	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.335	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.265	0.807	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.182	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:14	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:14	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.684	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:14	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.26	5.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:14	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.62	5.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:14	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.659	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:14	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:14	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.752	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:14	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:14	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*101 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*103 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*114 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*108 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*94.9 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*86.8 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-03-0.17-1.0 **York Sample ID:** 25G0333-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 10:45 am	07/03/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*67.2 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.7 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*3.24 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*96.0 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*80.5 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*78.7 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*59.0 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*65.5 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*126 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*94.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*98.1 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*116 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*51.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*53.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*43.6 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*46.6 %*			*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**	**92.7**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-03-1.0-2.0 **York Sample ID:** 25G0333-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 10:50 am	07/03/2025

Q_P_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

Sample Information

Client Sample ID: PCI-B-03-1.0-2.0 **York Sample ID:** 25G0333-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 10:50 am	07/03/2025

375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND	ug/kg dry	0.116	0.185	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND	ug/kg dry	0.0554	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	ug/kg dry	0.110	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND	ug/kg dry	0.187	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND	ug/kg dry	0.180	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	ug/kg dry	0.175	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND	ug/kg dry	0.198	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND	ug/kg dry	0.200	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND	ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND	ug/kg dry	0.170	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND	ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND	ug/kg dry	0.108	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
2355-31-9	N-MeFOSAA	ND	ug/kg dry	0.155	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
2991-50-6	N-EtFOSAA	ND	ug/kg dry	0.203	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	ug/kg dry	0.114	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	ug/kg dry	0.153	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	ug/kg dry	0.162	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	ug/kg dry	0.784	0.795	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	ug/kg dry	0.789	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	ug/kg dry	0.114	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	ug/kg dry	0.145	0.372	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:27	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	ug/kg dry	0.202	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:27	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	ug/kg dry	0.0648	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:27	AM

Sample Information

Client Sample ID: PCI-B-03-1.0-2.0 **York Sample ID:** 25G0333-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 10:50 am	07/03/2025

Q_P_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		ug/kg dry	0.100	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:27	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.164	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.622	0.784	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.636	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.325	0.790	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.257	0.782	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.182	0.790	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.177	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:27	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.130	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:27	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.663	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:27	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.19	5.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:27	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.57	5.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:27	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.639	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:27	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:27	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.729	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:27	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:27	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*103 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*102 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*104 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*108 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*93.2 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*83.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*62.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*54.3 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-03-1.0-2.0 **York Sample ID:** 25G0333-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 10:50 am	07/03/2025

Q_P_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 acid (MPFBA)*	*1.59 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*100 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*61.4 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*91.6 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*63.9 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*77.1 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*135 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*105 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*93.2 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*132 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*62.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*61.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*97.2 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*53.0 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*54.7 %*			*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**	**95.1**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-03-10.0-12.0 **York Sample ID:** 25G0333-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0021	0.0043	1	EPA 8260D	07/07/2025 11:27	07/07/2025 23:33	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: PCI-B-03-10.0-12.0 **York Sample ID:** 25G0333-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.085	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,

Sample Information

Client Sample ID: PCI-B-03-10.0-12.0 **York Sample ID:** 25G0333-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-64-1	Acetone	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-B-03-10.0-12.0 **York Sample ID:** 25G0333-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-20-9	Methyl acetate	ND	ICVE	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.011	0.021	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,

Sample Information

Client Sample ID: PCI-B-03-10.0-12.0 **York Sample ID:** 25G0333-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/07/2025 11:27	07/07/2025 23:33	PRS

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0929	0.185	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	ICVE	mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0929	0.185	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-B-03-10.0-12.0 **York Sample ID:** 25G0333-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0929	0.185	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0929	0.185	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E, CCVE	mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0929	0.185	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0929	0.185	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
101-55-3	4-Bromophenyl phenyl ether	ND	ICVE	mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0929	0.185	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0929	0.185	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: PCI-B-03-10.0-12.0 **York Sample ID:** 25G0333-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
62-53-3	Aniline	ND		mg/kg dry	0.186	0.372	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
92-87-5	Benzidine	ND	CAL-E, CCVE	mg/kg dry	0.186	0.372	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0929	0.185	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:10	SS

Sample Information

Client Sample ID: PCI-B-03-10.0-12.0 **York Sample ID:** 25G0333-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
206-44-0	Fluoranthene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-73-7	Fluorene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND	ICVE	mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
91-20-3	Naphthalene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-01-8	Phenanthrene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
129-00-0	Pyrene	ND		mg/kg dry	0.0465	0.0929	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.372	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.4 %*	*23-114*

Sample Information

Client Sample ID: PCI-B-03-10.0-12.0 **York Sample ID:** 25G0333-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

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*	*48.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*57.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.8 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

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/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/10/2025 09:33	07/10/2025 17:15	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*62.0 %*	*39-127.5*

Q_P_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	0.124	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0594	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.201	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.193	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.214	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.183	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM

Sample Information

Client Sample ID: PCI-B-03-10.0-12.0 **York Sample ID:** 25G0333-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Q_P_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
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.164	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.841	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.846	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.897	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.399	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:39	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.216	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:39	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0695	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:39	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.448	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:39	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.667	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.681	0.897	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.349	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.276	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:39	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 20:39	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.711	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:39	AM

Sample Information

Client Sample ID: PCI-B-03-10.0-12.0 **York Sample ID:** 25G0333-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Q_P_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
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.35	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:39	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.68	5.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:39	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.685	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:39	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:39	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.781	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:39	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 20:39	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*96.3 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*104 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*98.8 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*84.4 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*67.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*59.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.06 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*90.7 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*80.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*92.2 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*69.3 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*77.2 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*124 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*104 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*89.9 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*125 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*68.5 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*61.8 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*101 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*55.7 %*		*25-150*
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*57.5 %*		*25-150*

Sample Information

Client Sample ID: **PCI-B-03-10.0-12.0** **York Sample ID:** **25G0333-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**9-Octadecenamide isomer RT1... (01)**	**2110**	J	ug/kg dry			2	EPA 8270D Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS
NA	**9-Octadecenamide isomer RT1... (02)**	**789**	J	ug/kg dry			2	EPA 8270D Certifications:	07/07/2025 08:57	07/08/2025 13:10	SS

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 NELAC-NY10854,NJDEP-CT005	07/09/2025 22:47	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854	07/09/2025 22:47	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 NELAC-NY10854,NJDEP-CT005	07/09/2025 22:47	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	07/09/2025 09:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/09/2025 22:47	RJ

Sample Information

Client Sample ID: PCI-B-03-10.0-12.0 **York Sample ID:** 25G0333-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
8001-35-2	Toxaphene	ND		mg/kg dry	0.184	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0369	5	EPA 8081B	07/09/2025 09:38	07/09/2025 22:47	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.2 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	07/09/2025 09:35	07/10/2025 13:18	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17200**		mg/kg dry	4.67	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: PCI-B-03-10.0-12.0 **York Sample ID:** 25G0333-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-38-2	**Arsenic**	**5.80**		mg/kg dry	1.40	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**81.5**		mg/kg dry	2.33	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	**Beryllium**	**0.693**		mg/kg dry	0.047	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-70-2	**Calcium**	**7700**		mg/kg dry	4.67	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-47-3	**Chromium**	**25.4**		mg/kg dry	0.467	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-48-4	**Cobalt**	**12.3**		mg/kg dry	0.373	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**36.2**		mg/kg dry	1.87	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-89-6	**Iron**	**30800**		mg/kg dry	23.3	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**13.4**		mg/kg dry	0.467	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-95-4	**Magnesium**	**7040**		mg/kg dry	4.67	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**970**		mg/kg dry	0.467	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**27.2**		mg/kg dry	0.930	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-09-7	**Potassium**	**2210**		mg/kg dry	4.67	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.471	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	**Sodium**	**78.8**		mg/kg dry	46.7	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-28-0	Thallium	ND		mg/kg dry	1.87	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-62-2	**Vanadium**	**20.2**		mg/kg dry	0.930	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-66-6	**Zinc**	**74.7**		mg/kg dry	2.33	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-03-10.0-12.0 **York Sample ID:** 25G0333-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:05 am	07/03/2025

Sample Prepared by Method: EPA 7473 soil

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/kg dry	0.0336	1	EPA 7473	07/08/2025 08:22	07/08/2025 13:42	DBT
							Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.560	1	EPA 9014/9010C	07/10/2025 14:45	07/10/2025 18:15	SML
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

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**	**89.2**		%	0.100	1	SM 2540G	07/09/2025 07:04	07/09/2025 08:55	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-05-0.0-0.17 **York Sample ID:** 25G0333-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:15 am	07/03/2025

Q_P_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	07/08/2025 11:20	07/10/2025 21:41	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0623**	J	ug/kg dry	0.0597	0.225	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.336**		ug/kg dry	0.194	0.225	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 21:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.189**	J	ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 21:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-05-0.0-0.17 **York Sample ID:** 25G0333-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:15 am	07/03/2025

Q_P_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)	ND		ug/kg dry	0.213	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.844	0.856	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:41	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.850	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:41	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.901	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:41	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.401	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0698	0.450	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	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	07/08/2025 11:20	07/10/2025 21:41	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.670	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:41	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.684	0.901	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:41	AM

Sample Information

Client Sample ID: PCI-B-05-0.0-0.17 **York Sample ID:** 25G0333-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:15 am	07/03/2025

Q_P_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
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.350	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:41	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.277	0.842	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:41	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:41	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.190	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:41	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:41	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.714	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:41	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.36	5.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:41	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.69	5.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:41	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.688	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:41	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:41	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.785	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:41	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:41	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*101 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*119 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*105 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*91.6 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*85.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*71.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*52.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.03 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*96.8 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*76.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*80.8 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*64.8 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-05-0.0-0.17 **York Sample ID:** 25G0333-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:15 am	07/03/2025

Q_P_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*	*76.8 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*144 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*114 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*94.0 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*142 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*46.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*101 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*44.6 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*47.9 %*			*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**	**88.3**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-05-0.17-1.0 **York Sample ID:** 25G0333-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:20 am	07/03/2025

Q_P_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	0.120	0.191	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 21:53	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0573	0.216	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 21:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.216	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 21:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.198	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 21:53	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.186	0.216	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 21:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-05-0.17-1.0 **York Sample ID:** 25G0333-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:20 am	07/03/2025

Q_P_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
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.811	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.817	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.385	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:53	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:53	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0671	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:53	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:53	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.644	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM

Sample Information

Client Sample ID: PCI-B-05-0.17-1.0 **York Sample ID:** 25G0333-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:20 am	07/03/2025

Q_P_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		ug/kg dry	0.658	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.336	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.266	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:53	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 21:53	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.686	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:53	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.27	5.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:53	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.62	5.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:53	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.661	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:53	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:53	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.754	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:53	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 21:53	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*113 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*103 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*120 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*109 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*103 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.4 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*76.3 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.6 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*87.2 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*111 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*85.0 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-05-0.17-1.0 **York Sample ID:** 25G0333-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:20 am	07/03/2025

Q_P_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
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*85.2 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*72.2 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*84.0 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*135 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*108 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*95.7 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*137 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*67.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*56.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*50.0 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*53.3 %*			*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**	**92.1**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-05-1.0-2.0 **York Sample ID:** 25G0333-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:25 am	07/03/2025

Q_P_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	0.120	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0573	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM

Sample Information

Client Sample ID: PCI-B-05-1.0-2.0 **York Sample ID:** 25G0333-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:25 am	07/03/2025

Q_P_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	0.186	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.811	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.817	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.385	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:05	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:05	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0671	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:05	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.433	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:05	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM

Sample Information

Client Sample ID: PCI-B-05-1.0-2.0 **York Sample ID:** 25G0333-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:25 am	07/03/2025

Q_P_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	0.644	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.658	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.336	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.266	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:05	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:05	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.686	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:05	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.27	5.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:05	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.62	5.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:05	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.661	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:05	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:05	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.754	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:05	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:05	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*87.6 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*92.2 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*93.4 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*92.0 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*80.9 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*71.5 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*57.0 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*42.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*77.8 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*80.3 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-05-1.0-2.0 **York Sample ID:** 25G0333-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:25 am	07/03/2025

Q_P_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
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*75.4 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*77.6 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*53.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*57.5 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*107 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*78.0 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*83.2 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*106 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*50.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*53.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*90.9 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*40.0 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*46.4 %*			*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**	**91.9**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-12-0.0-0.17 **York Sample ID:** 25G0333-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333			2025 11:55 am	07/03/2025

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

Q_P_PFAS, EPA 1633 Target List

s:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.128	0.204	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 22:17	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0611	0.230	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 22:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.121	0.230	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 22:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-12-0.0-0.17 **York Sample ID:** 25G0333-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:55 am	07/03/2025

Q_P_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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.206	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.198	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.09**		ug/kg dry	0.192	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.218	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.220	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.228	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.188	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND						ELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND						ELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
2355-31-9	N-MeFOSAA	ND						ELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
2991-50-6	N-EtFOSAA	ND						ELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.128**						NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.168	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.179	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.864	0.876	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.870	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.257**	J	ug/kg dry	0.126	0.922	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.160	0.410	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:17	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.222	0.461	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:17	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0714	0.461	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:17	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.111	0.461	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:17	AM

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

Sample Information

Client Sample ID: PCI-B-12-0.0-0.17 **York Sample ID:** 25G0333-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:55 am	07/03/2025

Q_P_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
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.181	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.686	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.701	0.922	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.358	0.871	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.283	0.862	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.201	0.871	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND						ELAC-NH2097	07/08/2025 11:20	07/10/2025 22:17	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND						ELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:17	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND						ELAC-NH2097	07/08/2025 11:20	07/10/2025 22:17	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND						ELAC-NH2097	07/08/2025 11:20	07/10/2025 22:17	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND						ELAC-NH2097	07/08/2025 11:20	07/10/2025 22:17	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.704	2.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:17	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.207	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:17	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.803	2.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:17	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.228	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:17	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*110 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*121 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*116 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*107 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*87.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*114 %*	*25-150*

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

Sample Information

Client Sample ID: PCI-B-12-0.0-0.17 **York Sample ID:** 25G0333-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 11:55 am	07/03/2025

Q_P_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
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*120 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*91.0 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*111 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*107 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*127 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*174 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*152 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*104 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*166 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*83.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*70.1 %*									
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*106 %*									
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*68.1 %*									
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*70.2 %*									

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

Total Solids

e Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.6**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-12-0.17-1.0 **York Sample ID:** 25G0333-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:00 pm	07/03/2025

Q_P_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	0.123	0.195	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 22:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0585	0.221	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 22:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-12-0.17-1.0 **York Sample ID:** 25G0333-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:00 pm	07/03/2025

Q_P_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
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.644**		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	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	07/08/2025 11:20	07/10/2025 22:30	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.828	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.834	0.848	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.393	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:30	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.213	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:30	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0684	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:30	AM

Sample Information

Client Sample ID: PCI-B-12-0.17-1.0 **York Sample ID:** 25G0333-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:00 pm	07/03/2025

Q_P_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		ug/kg dry	0.106	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:30	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.657	0.828	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.671	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.343	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.272	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:30	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:30	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	07/08/2025 11:20	07/10/2025 22:30	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.700	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:30	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.32	5.52	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:30	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.66	5.52	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:30	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.675	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:30	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:30	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.770	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:30	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:30	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*131 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*112 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*133 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*142 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*122 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*72.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*49.0 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-12-0.17-1.0 **York Sample ID:** 25G0333-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:00 pm	07/03/2025

Q_P_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 acid (MPFBA)*	*116 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*109 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*94.2 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*88.2 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*86.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.7 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*154 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*126 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*167 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*57.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*54.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*37.6 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*42.1 %*			*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**	**90.6**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-12-1.0-2.0 **York Sample ID:** 25G0333-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:05 pm	07/03/2025

Q_P_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	0.203	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 22:42	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: **PCI-B-12-1.0-2.0** **York Sample ID:** **25G0333-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:05 pm	07/03/2025

Q_P_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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0606	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	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	07/08/2025 11:20	07/10/2025 22:42	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	07/08/2025 11:20	07/10/2025 22:42	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	07/08/2025 11:20	07/10/2025 22:42	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.512**		ug/kg dry	0.191	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	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	07/08/2025 11:20	07/10/2025 22:42	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.219	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.227	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	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	07/08/2025 11:20	07/10/2025 22:42	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	07/08/2025 11:20	07/10/2025 22:42	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	07/08/2025 11:20	07/10/2025 22:42	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	07/08/2025 11:20	07/10/2025 22:42	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	07/08/2025 11:20	07/10/2025 22:42	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.125	0.458	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	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	07/08/2025 11:20	07/10/2025 22:42	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	07/08/2025 11:20	07/10/2025 22:42	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.858	0.870	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.864	0.879	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	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	07/08/2025 11:20	07/10/2025 22:42	AM
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	07/08/2025 11:20	07/10/2025 22:42	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.221	0.458	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:42	AM

Sample Information

Client Sample ID: PCI-B-12-1.0-2.0 **York Sample ID:** 25G0333-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:05 pm	07/03/2025

Q_P_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	0.0709	0.458	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:42	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.110	0.458	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:42	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.180	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.681	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.696	0.915	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.356	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.281	0.856	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.199	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.193	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:42	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.142	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:42	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.725	1.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:42	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.40	5.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:42	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.72	5.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:42	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.699	2.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:42	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.206	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:42	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.797	2.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:42	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.227	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:42	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*108 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*107 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*123 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*114 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*94.9 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.2 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-12-1.0-2.0 **York Sample ID:** 25G0333-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:05 pm	07/03/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*69.0 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*54.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*2.70 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*104 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*81.5 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*82.6 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*78.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*77.3 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*137 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*96.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*91.6 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*144 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*58.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*51.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*101 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*40.9 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*46.9 %*			*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**	**86.9**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-B-11-0.0-0.17 **York Sample ID:** 25G0333-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:35 pm	07/03/2025

Q_P_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

Sample Information

Client Sample ID: PCI-B-11-0.0-0.17 **York Sample ID:** 25G0333-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:35 pm	07/03/2025

375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND	ug/kg dry	0.140	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND	ug/kg dry	0.0670	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND	ug/kg dry	0.133	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND	ug/kg dry	0.226	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND	ug/kg dry	0.218	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.626**	ug/kg dry	0.211	0.235	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND	ug/kg dry	0.239	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND	ug/kg dry	0.242	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND	ug/kg dry	0.250	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND	ug/kg dry	0.206	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND	ug/kg dry	0.158	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND	ug/kg dry	0.130	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
2355-31-9	N-MeFOSAA	ND	ug/kg dry	0.187	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
2991-50-6	N-EtFOSAA	ND	ug/kg dry	0.245	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND	ug/kg dry	0.138	0.506	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND	ug/kg dry	0.185	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	ug/kg dry	0.196	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	ug/kg dry	0.242	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	ug/kg dry	0.949	0.961	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	ug/kg dry	0.955	0.971	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND	ug/kg dry	0.138	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	ug/kg dry	0.176	0.450	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:54	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	ug/kg dry	0.244	0.506	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:54	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	ug/kg dry	0.0784	0.506	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:54	AM

Sample Information

Client Sample ID: PCI-B-11-0.0-0.17 **York Sample ID:** 25G0333-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:35 pm	07/03/2025

Q_P_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		ug/kg dry	0.121	0.506	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:54	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.199	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.753	0.949	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.769	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.393	0.956	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.311	0.946	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.220	0.956	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.214	0.245	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:54	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.157	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 22:54	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.802	1.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:54	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.65	6.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:54	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.90	6.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:54	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.773	2.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:54	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.228	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:54	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.882	2.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:54	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.250	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 22:54	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*113 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*134 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*110 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*96.2 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*90.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*73.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.2 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-11-0.0-0.17 **York Sample ID:** 25G0333-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:35 pm	07/03/2025

Q_P_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 acid (MPFBA)*	*1.39 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*99.4 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*51.4 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*88.8 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*83.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*97.8 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*155 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*113 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*106 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*153 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*63.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*56.6 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*58.3 %*			*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**	**79.1**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-11-0.17-1.0 **York Sample ID:** 25G0333-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:40 pm	07/03/2025

Q_P_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	0.118	0.189	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:07	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-11-0.17-1.0 **York Sample ID:** 25G0333-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:40 pm	07/03/2025

Q_P_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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0565	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.201	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.799	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.804	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.379	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:07	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.206	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:07	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0661	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:07	AM

Sample Information

Client Sample ID: PCI-B-11-0.17-1.0 **York Sample ID:** 25G0333-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:40 pm	07/03/2025

Q_P_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		ug/kg dry	0.102	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:07	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.634	0.799	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.648	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.331	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.262	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:07	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:07	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.675	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:07	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.24	5.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:07	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.60	5.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:07	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.651	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:07	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:07	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.743	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:07	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:07	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*115 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*137 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*120 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*105 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*103 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*69.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.1 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-11-0.17-1.0 **York Sample ID:** 25G0333-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:40 pm	07/03/2025

Q_P_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 acid (MPFBA)*	*90.8 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*110 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*95.0 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*94.9 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*81.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*92.0 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*134 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*108 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*127 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*80.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*74.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*113 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*52.1 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*54.8 %*			*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**	**93.5**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-11-1.0-2.0 **York Sample ID:** 25G0333-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:45 pm	07/03/2025

Q_P_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	0.189	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-11-1.0-2.0 **York Sample ID:** 25G0333-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:45 pm	07/03/2025

Q_P_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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0567	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	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	07/08/2025 11:20	07/10/2025 23:19	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	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	07/08/2025 11:20	07/10/2025 23:19	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	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	07/08/2025 11:20	07/10/2025 23:19	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	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	07/08/2025 11:20	07/10/2025 23:19	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	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	07/08/2025 11:20	07/10/2025 23:19	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	07/08/2025 11:20	07/10/2025 23:19	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	07/08/2025 11:20	07/10/2025 23:19	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	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	07/08/2025 11:20	07/10/2025 23:19	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	07/08/2025 11:20	07/10/2025 23:19	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	07/08/2025 11:20	07/10/2025 23:19	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.802	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.807	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.856	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	AM
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	07/08/2025 11:20	07/10/2025 23:19	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.206	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:19	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0663	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:19	AM

Sample Information

Client Sample ID: PCI-B-11-1.0-2.0 **York Sample ID:** 25G0333-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:45 pm	07/03/2025

Q_P_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		ug/kg dry	0.103	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:19	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	07/08/2025 11:20	07/10/2025 23:19	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.636	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.650	0.856	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.333	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.263	0.800	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:19	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:19	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.678	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:19	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.24	5.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:19	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.60	5.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:19	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.653	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:19	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:19	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.745	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:19	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:19	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*108 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*105 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*119 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*104 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*90.7 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*84.3 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*55.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*44.5 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-11-1.0-2.0 **York Sample ID:** 25G0333-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:45 pm	07/03/2025

Q_P_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 acid (MPFBA)*	*36.8 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*87.3 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*84.7 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*85.3 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*62.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*71.5 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*130 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*96.2 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*86.1 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*136 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*51.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*51.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*44.6 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*47.3 %*			*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**	**92.9**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-11-6.0-7.5 **York Sample ID:** 25G0333-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:50 pm	07/03/2025

Pesticides, Extract and Hold

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Extracted	0.00		ug/kg dry			5	EPA 8081B	07/07/2025 08:46	07/07/2025 21:59	RJ
								Certifications:			

Sample Information

Client Sample ID: PCI-B-11-6.0-7.5 **York Sample ID:** 25G0333-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 12:50 pm	07/03/2025

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**	**93.2**		%	0.100	1	SM 2540G	07/10/2025 08:34	07/10/2025 10:52	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-07-0.0-0.17 **York Sample ID:** 25G0333-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:05 pm	07/03/2025

Q_P_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	0.133	0.213	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0637	0.240	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.126	0.240	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.215	0.220	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.207	0.240	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.201	0.224	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.227	0.240	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.230	0.240	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.238	0.240	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.196	0.240	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.150	0.240	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.124	0.240	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.178	0.240	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.233	0.240	1	EPA 1633 Draft 3	07/08/2025 11:20	07/10/2025 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-07-0.0-0.17 **York Sample ID:** 25G0333-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:05 pm	07/03/2025

Q_P_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)	ND		ug/kg dry	0.131	0.481	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:31	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.175	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:31	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.186	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:31	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:31	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.901	0.913	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.907	0.923	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:31	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.131	0.961	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:31	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.167	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:31	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.232	0.481	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:31	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0745	0.481	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:31	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.115	0.481	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:31	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.189	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:31	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.715	0.901	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:31	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.731	0.961	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:31	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.374	0.909	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:31	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.296	0.899	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:31	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.209	0.909	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:31	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.203	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:31	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.149	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/10/2025 23:31	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.762	1.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:31	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.52	6.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:31	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.80	6.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:31	AM

Sample Information

Client Sample ID: PCI-B-07-0.0-0.17 **York Sample ID:** 25G0333-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:05 pm	07/03/2025

Q_P_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
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.734	2.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:31	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.216	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:31	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.838	2.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:31	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.238	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/10/2025 23:31	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*96.9 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*121 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*106 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*82.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*70.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.34 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*117 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*75.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*93.6 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*83.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*103 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*142 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*116 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*96.9 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*124 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*60.6 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*73.2 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*93.3 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*57.8 %*		*25-150*
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*60.0 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-07-0.0-0.17 **York Sample ID:** 25G0333-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:05 pm	07/03/2025

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**	**83.2**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-07-0.17-1.0 **York Sample ID:** 25G0333-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:10 pm	07/03/2025

Q_P 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	0.124	0.197	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:08	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0591	0.223	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.204	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:08	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.202**	J	ug/kg dry	0.192	0.223	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.208**		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.211	0.223	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.223	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.223	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.223	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.223	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-07-0.17-1.0 **York Sample ID:** 25G0333-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:10 pm	07/03/2025

Q_P_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)	ND		ug/kg dry	0.122	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:08	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:08	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:08	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:08	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.836	0.848	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:08	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.842	0.856	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:08	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.892	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:08	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.397	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:08	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.215	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:08	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0691	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:08	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.446	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:08	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:08	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.664	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:08	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.678	0.892	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:08	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.347	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:08	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.274	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:08	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:08	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:08	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:08	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.707	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:08	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.34	5.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:08	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.67	5.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:08	AM

Sample Information

Client Sample ID: PCI-B-07-0.17-1.0 **York Sample ID:** 25G0333-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:10 pm	07/03/2025

Q_P_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
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.681	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:08	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:08	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.777	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:08	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:08	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*96.2 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*83.5 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*91.8 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*79.8 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*77.7 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*56.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*45.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.58 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*92.5 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*68.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*71.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*68.2 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*77.5 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*128 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*104 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*82.4 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*120 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*48.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*51.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*86.9 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*33.5 %*		*25-150*
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*36.0 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-07-0.17-1.0 **York Sample ID:** 25G0333-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:10 pm	07/03/2025

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**	**89.3**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-07-1.0-2.0 **York Sample ID:** 25G0333-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:15 pm	07/03/2025

Q_P 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	0.194	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0582	0.220	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.220	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.201	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.189	0.220	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.183	0.204	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:20	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	07/08/2025 11:20	07/11/2025 00:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.210	0.220	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.217	0.220	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.220	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.220	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.220	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:20	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	07/08/2025 11:20	07/11/2025 00:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.213	0.220	1	EPA 1633 Draft 3	07/08/2025 11:20	07/11/2025 00:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-07-1.0-2.0 **York Sample ID:** 25G0333-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:15 pm	07/03/2025

Q_P_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)	ND		ug/kg dry	0.120	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:20	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:20	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:20	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:20	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.824	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:20	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.829	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:20	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.879	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:20	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.391	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:20	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.212	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:20	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0681	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:20	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:20	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:20	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.653	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:20	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.668	0.879	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:20	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.342	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:20	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.270	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:20	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.191	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:20	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:20	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/08/2025 11:20	07/11/2025 00:20	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.696	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:20	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.30	5.49	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:20	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.65	5.49	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:20	AM

Sample Information

Client Sample ID: PCI-B-07-1.0-2.0 **York Sample ID:** 25G0333-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:15 pm	07/03/2025

Q_P_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
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.671	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:20	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:20	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.765	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:20	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.217	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/08/2025 11:20	07/11/2025 00:20	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*91.2 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*88.3 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*104 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*98.2 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*92.3 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*90.0 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*77.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*62.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*46.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*7.07 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*85.9 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*73.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*61.7 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*64.3 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*73.1 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*119 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*86.7 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*87.2 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*124 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*40.2 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*32.9 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*88.4 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*30.0 %*		*25-150*
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*32.5 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-07-1.0-2.0 **York Sample ID:** 25G0333-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:15 pm	07/03/2025

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**	**90.9**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 18:54	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-07-7.0-9.5 **York Sample ID:** 25G0333-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:20 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/07/2025 11:27	07/08/2025 00:56	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/07/2025 11:27	07/08/2025 00:56	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/07/2025 11:27	07/08/2025 00:56	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/07/2025 11:27	07/08/2025 00:56	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/07/2025 11:27	07/08/2025 00:56	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/07/2025 11:27	07/08/2025 00:56	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/07/2025 11:27	07/08/2025 00:56	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/07/2025 11:27	07/08/2025 00:56	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/07/2025 11:27	07/08/2025 00:56	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/07/2025 11:27	07/08/2025 00:56	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/07/2025 11:27	07/08/2025 00:56	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/07/2025 11:27	07/08/2025 00:56	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/07/2025 11:27	07/08/2025 00:56	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/07/2025 11:27	07/08/2025 00:56	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: PCI-B-07-7.0-9.5 **York Sample ID:** 25G0333-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:20 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-64-1	**Acetone**	**0.013**		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,

Sample Information

Client Sample ID: PCI-B-07-7.0-9.5 **York Sample ID:** 25G0333-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:20 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-20-9	Methyl acetate	ND	ICVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-07-7.0-9.5 **York Sample ID:** 25G0333-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:20 pm	07/03/2025

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.011	0.022	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 00:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/07/2025 11:27	07/08/2025 00:56	PRS

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: PCI-B-07-7.0-9.5 **York Sample ID:** 25G0333-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:20 pm	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,PADEP-68-04440	07/08/2025 13:40	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	ICVE	mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,PADEP-68-04440	07/08/2025 13:40	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,PADEP-68-04440	07/08/2025 13:40	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0860	0.172	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E, CCVE	mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 13:40	SS

Sample Information

Client Sample ID: PCI-B-07-7.0-9.5 **York Sample ID:** 25G0333-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:20 pm	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0860	0.172	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
101-55-3	4-Bromophenyl phenyl ether	ND	ICVE	mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0860	0.172	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.172	0.344	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND	CAL-E, CCVE	mg/kg dry	0.172	0.344	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: PCI-B-07-7.0-9.5 **York Sample ID:** 25G0333-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:20 pm	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0860	0.172	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
118-74-1	Hexachlorobenzene	ND	ICVE	mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: PCI-B-07-7.0-9.5 **York Sample ID:** 25G0333-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:20 pm	07/03/2025

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:40	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:40	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:40	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:40	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:40	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:40	SS
108-95-2	Phenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:40	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:40	SS
110-86-1	Pyridine	ND		mg/kg dry	0.172	0.344	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 13:40	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*48.4 %*	*24-116*

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

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

Sample Prepared by Method: EPA 3550C

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/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/10/2025 09:33	07/10/2025 17:30	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.0 %*	*39-127.5*

Q_P_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	0.115	0.184	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM

Sample Information

Client Sample ID: PCI-B-07-7.0-9.5 **York Sample ID:** 25G0333-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:20 pm	07/03/2025

Q_P_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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0550	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.186	0.190	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.178	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.173	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.196	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.198	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.205	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.169	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.130	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.107	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.154	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.201	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.151	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.198	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.778	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.783	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.369	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:56	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.200	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:56	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0643	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:56	AM

Sample Information

Client Sample ID: PCI-B-07-7.0-9.5 **York Sample ID:** 25G0333-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:20 pm	07/03/2025

Q_P_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		ug/kg dry	0.0996	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:56	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.163	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.617	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.631	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.323	0.784	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.255	0.776	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.181	0.784	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:56	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.129	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 17:56	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.658	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:56	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.18	5.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:56	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.56	5.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:56	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.634	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:56	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:56	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.723	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:56	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.205	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 17:56	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*108 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*112 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*125 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*114 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*110 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*93.9 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*80.2 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.6 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-07-7.0-9.5 **York Sample ID:** 25G0333-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:20 pm	07/03/2025

Q_P_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 acid (MPFBA)*	*14.1 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*117 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*95.4 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*129 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*76.2 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*87.3 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*171 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*134 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*98.2 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*135 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*94.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*83.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*93.9 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*95.0 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**7-Nonenamide isomer RT14.14**	**1120**	J	ug/kg dry			2	EPA 8270D	07/07/2025 08:57	07/08/2025 13:40	SS
								Certifications:			

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
309-00-2	Aldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: PCI-B-07-7.0-9.5 **York Sample ID:** 25G0333-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:20 pm	07/03/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0341	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:16	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.3 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	07/07/2025 08:45	07/08/2025 04:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	07/07/2025 08:45	07/08/2025 04:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PCI-B-07-7.0-9.5 **York Sample ID:** 25G0333-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:20 pm	07/03/2025

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	07/07/2025 08:45	07/08/2025 04:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	07/07/2025 08:45	07/08/2025 04:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	07/07/2025 08:45	07/08/2025 04:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	07/07/2025 08:45	07/08/2025 04:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	07/07/2025 08:45	07/08/2025 04:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	07/07/2025 08:45	07/08/2025 04:58	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**16300**		mg/kg dry	4.32	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-36-0	Antimony	ND		mg/kg dry	2.16	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-38-2	**Arsenic**	**6.13**		mg/kg dry	1.30	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**41.9**		mg/kg dry	2.16	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	**Beryllium**	**0.507**		mg/kg dry	0.044	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-43-9	Cadmium	ND		mg/kg dry	0.259	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-70-2	**Calcium**	**456**		mg/kg dry	4.32	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-47-3	**Chromium**	**14.8**		mg/kg dry	0.433	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-48-4	**Cobalt**	**10.6**		mg/kg dry	0.346	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**32.8**		mg/kg dry	1.73	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-89-6	**Iron**	**30000**		mg/kg dry	21.6	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**17.3**		mg/kg dry	0.433	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: PCI-B-07-7.0-9.5 **York Sample ID:** 25G0333-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 1:20 pm	07/03/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**7250**		mg/kg dry	4.33	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**1160**		mg/kg dry	0.433	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**24.2**		mg/kg dry	0.861	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-09-7	**Potassium**	**909**		mg/kg dry	4.33	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.16	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.436	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	Sodium	ND		mg/kg dry	43.2	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-28-0	Thallium	ND		mg/kg dry	1.73	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-62-2	**Vanadium**	**15.8**		mg/kg dry	0.861	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-66-6	**Zinc**	**63.3**		mg/kg dry	2.15	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0650**		mg/kg dry	0.0311	1	EPA 7473	07/08/2025 08:22	07/08/2025 13:42	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444(		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.519	1	EPA 9014/9010C	07/09/2025 14:46	07/09/2025 20:45	sml
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

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**	**96.4**		%	0.100	1	SM 2540G	07/09/2025 07:04	07/09/2025 08:55	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-B-22-0.0-0.17 **York Sample ID:** 25G0333-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:10 pm	07/03/2025

Q_P_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	0.118	0.187	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0561	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**4.19**		ug/kg dry	0.202	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**1.30**		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.679**		ug/kg dry	0.173	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**0.139**	J	ug/kg dry	0.132	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**0.218**		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.794	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.799	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.377	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:08	AM

Sample Information

Client Sample ID: PCI-B-22-0.0-0.17 **York Sample ID:** 25G0333-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:10 pm	07/03/2025

Q_P_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	PF-CCV-L	ug/kg dry	0.204	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:08	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0656	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:08	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:08	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.630	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.644	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.329	0.800	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.260	0.792	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.800	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:08	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:08	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.671	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:08	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.22	5.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:08	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.59	5.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:08	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.647	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:08	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:08	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.738	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:08	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:08	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*106 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*105 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*125 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*117 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-22-0.0-0.17 **York Sample ID:** 25G0333-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:10 pm	07/03/2025

Q_P_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*	*109 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*85.0 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*63.0 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.35 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*113 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*89.5 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*117 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*72.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*82.8 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*175 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*132 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*109 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*143 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*75.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*78.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*85.9 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*83.8 %*			*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**	**94.1**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-22-0.17-1.0 **York Sample ID:** 25G0333-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:15 pm	07/03/2025

Q_P_PFAS, EPA 1633 Target List

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

Sample Information

Client Sample ID: PCI-B-22-0.17-1.0 **York Sample ID:** 25G0333-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:15 pm	07/03/2025

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	0.117	0.187	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0559	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**1.53**		ug/kg dry	0.201	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.791	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.796	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.376	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:20	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.204	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:20	AM

Sample Information

Client Sample ID: PCI-B-22-0.17-1.0 **York Sample ID:** 25G0333-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:15 pm	07/03/2025

Q_P_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	PF-LCS-L	ug/kg dry	0.0654	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:20	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:20	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.628	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.641	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.328	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.259	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:20	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:20	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.669	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:20	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.21	5.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:20	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.58	5.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:20	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.644	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:20	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:20	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.735	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:20	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:20	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*126 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*119 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*143 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*121 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*122 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*114 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*107 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-22-0.17-1.0 **York Sample ID:** 25G0333-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:15 pm	07/03/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*83.8 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.4 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*19.6 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*117 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*98.2 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*130 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*81.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*80.8 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*187 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*139 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*107 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*170 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*82.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*80.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*86.7 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*86.0 %*			*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**	**94.8**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-B-22-1.0-2.0 **York Sample ID:** 25G0333-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:20 pm	07/03/2025

Q_P_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

Sample Information

Client Sample ID: PCI-B-22-1.0-2.0 **York Sample ID:** 25G0333-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:20 pm	07/03/2025

375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0563	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.201	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.349**		ug/kg dry	0.203	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.797	0.807	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.802	0.816	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.850	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32 AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.378	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:32 AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.205	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:32 AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0659	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:32 AM

Sample Information

Client Sample ID: PCI-B-22-1.0-2.0 **York Sample ID:** 25G0333-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:20 pm	07/03/2025

Q_P_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		ug/kg dry	0.102	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:32	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.632	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.646	0.850	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.330	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.261	0.795	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:32	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 18:32	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.674	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:32	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.23	5.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:32	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.59	5.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:32	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.649	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:32	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:32	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.741	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:32	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 18:32	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*115 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*113 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*134 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*116 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*105 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*108 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*86.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.3 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-22-1.0-2.0 **York Sample ID:** 25G0333-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:20 pm	07/03/2025

Q_P_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 acid (MPFBA)*	*1.77 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*115 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*26.8 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*122 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*72.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*75.5 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*173 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*140 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*98.6 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*155 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*83.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*85.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*106 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*91.0 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*90.9 %*			*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**	**93.4**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-19-0.0-0.17 **York Sample ID:** 25G0333-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:40 pm	07/03/2025

Q_P_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	07/09/2025 09:54	07/11/2025 19:09	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-19-0.0-0.17 **York Sample ID:** 25G0333-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:40 pm	07/03/2025

Q_P_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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0568	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.533**		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.804	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:09	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.809	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	AM
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	07/09/2025 09:54	07/11/2025 19:09	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.207	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:09	AM

Sample Information

Client Sample ID: PCI-B-19-0.0-0.17 **York Sample ID:** 25G0333-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:40 pm	07/03/2025

Q_P_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	PF-LCS-L	ug/kg dry	0.0664	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:09	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.637	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.333	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:09	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.264	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:09	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:09	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:09	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	07/09/2025 09:54	07/11/2025 19:09	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.679	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:09	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.25	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:09	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.61	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:09	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.655	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:09	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:09	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.747	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:09	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:09	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*97.9 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*101 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*118 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*105 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*105 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*103 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*93.6 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-19-0.0-0.17 **York Sample ID:** 25G0333-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:40 pm	07/03/2025

Q_P_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
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*77.5 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.9 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*2.14 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*93.4 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*40.2 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*105 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*66.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*69.8 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*169 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*125 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*98.8 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*136 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*75.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*91.2 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*76.2 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*75.2 %*			*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**	**93.2**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-19-0.17-1.0 **York Sample ID:** 25G0333-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:45 pm	07/03/2025

Q_P_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

Sample Information

Client Sample ID: PCI-B-19-0.17-1.0 **York Sample ID:** 25G0333-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:45 pm	07/03/2025

375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.187	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0559	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.181**	J	ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.204	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.790	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.796	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.375	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:22	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.203	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:22	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0653	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:22	AM

Sample Information

Client Sample ID: PCI-B-19-0.17-1.0 **York Sample ID:** 25G0333-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:45 pm	07/03/2025

Q_P_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		ug/kg dry	0.101	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:22	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.627	0.790	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.641	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.328	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.259	0.788	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:22	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:22	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.668	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:22	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.21	5.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:22	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.58	5.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:22	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.644	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:22	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:22	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.735	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:22	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:22	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*99.2 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*110 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*121 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*104 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*111 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*99.0 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*96.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*75.0 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.0 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-19-0.17-1.0 **York Sample ID:** 25G0333-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:45 pm	07/03/2025

Q_P_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 acid (MPFBA)*	*12.6 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*104 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*88.4 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*119 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*71.9 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*76.5 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*158 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*109 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*101 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*146 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*90.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*83.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*106 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*84.5 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*87.9 %*			*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**	**94.5**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-19-1.0-2.0 **York Sample ID:** 25G0333-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:50 pm	07/03/2025

Q_P_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	0.116	0.185	1	EPA 1633 Draft 3	07/09/2025 09:54	07/11/2025 19:34	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-19-1.0-2.0 **York Sample ID:** 25G0333-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:50 pm	07/03/2025

Q_P_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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0555	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.187	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.180	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.175	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.198	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.200	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.203	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.153	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.162	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.785	0.795	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.790	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.145	0.373	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:34	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.202	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:34	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0649	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:34	AM

Sample Information

Client Sample ID: PCI-B-19-1.0-2.0 **York Sample ID:** 25G0333-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:50 pm	07/03/2025

Q_P_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		ug/kg dry	0.100	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:34	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.164	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.623	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.636	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.325	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.257	0.783	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.182	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.177	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:34	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.130	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/09/2025 09:54	07/11/2025 19:34	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.663	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:34	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.20	5.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:34	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.57	5.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:34	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.639	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:34	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:34	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.729	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:34	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/09/2025 09:54	07/11/2025 19:34	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*107 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*104 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*123 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*110 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.8 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*81.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.8 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-19-1.0-2.0 **York Sample ID:** 25G0333-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 2:50 pm	07/03/2025

Q_P_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 acid (MPFBA)*	*3.93 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*108 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*75.7 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*123 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*73.0 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*83.3 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*174 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*122 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*96.5 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*143 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*88.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*84.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*95.4 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*89.3 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*92.6 %*			*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**	**95.0**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-14-0.0-0.17 **York Sample ID:** 25G0333-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:20 pm	07/03/2025

Q_P_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	0.117	0.187	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 20:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-14-0.0-0.17 **York Sample ID:** 25G0333-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:20 pm	07/03/2025

Q_P_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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0559	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.791	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.797	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.376	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:19	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.204	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:19	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0654	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:19	AM

Sample Information

Client Sample ID: PCI-B-14-0.0-0.17 **York Sample ID:** 25G0333-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:20 pm	07/03/2025

Q_P_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		ug/kg dry	0.101	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:19	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.628	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.642	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.328	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.260	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:19	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:19	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.669	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:19	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.21	5.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:19	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.58	5.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:19	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.645	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:19	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:19	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.736	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:19	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:19	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*111 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*115 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*117 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*101 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*76.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.9 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-14-0.0-0.17 **York Sample ID:** 25G0333-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:20 pm	07/03/2025

Q_P_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 acid (MPFBA)*	*5.71 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*115 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*85.6 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*119 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*83.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*88.7 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*176 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*106 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*146 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*79.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*90.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*68.2 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*63.0 %*			*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**	**94.8**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-14-0.17-1.0 **York Sample ID:** 25G0333-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:25 pm	07/03/2025

Q_P_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	0.115	0.183	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 20:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-14-0.17-1.0 **York Sample ID:** 25G0333-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:25 pm	07/03/2025

Q_P_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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0548	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.185	0.189	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.178	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.173	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.153	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.151	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.775	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.780	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.368	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:31	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:31	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0641	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:31	AM

Sample Information

Client Sample ID: PCI-B-14-0.17-1.0 **York Sample ID:** 25G0333-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:25 pm	07/03/2025

Q_P_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		ug/kg dry	0.0992	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:31	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.615	0.775	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.628	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.321	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.254	0.773	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.180	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:31	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:31	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.655	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:31	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.17	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:31	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.55	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:31	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.631	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:31	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:31	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.720	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:31	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:31	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*111 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*112 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*115 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*100 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*82.6 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*66.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*51.7 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-14-0.17-1.0 **York Sample ID:** 25G0333-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:25 pm	07/03/2025

Q_P_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 acid (MPFBA)*	*4.44 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*93.1 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*75.5 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*102 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*72.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*65.1 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*181 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*110 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*175 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*75.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*69.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*106 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*54.6 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*57.6 %*			*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**	**96.2**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-14-1.0-2.0 **York Sample ID:** 25G0333-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:30 pm	07/03/2025

Q_P_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	0.115	0.183	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 20:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-14-1.0-2.0 **York Sample ID:** 25G0333-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:30 pm	07/03/2025

Q_P_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
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0548	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.185	0.189	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.178	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.173	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.198	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.169	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.107	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.153	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.201	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.414	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.151	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.198	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.776	0.786	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.781	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.368	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:44	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.200	0.414	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:44	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0641	0.414	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:44	AM

Sample Information

Client Sample ID: PCI-B-14-1.0-2.0 **York Sample ID:** 25G0333-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:30 pm	07/03/2025

Q_P_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		ug/kg dry	0.0993	0.414	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:44	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.615	0.776	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.629	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.322	0.782	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.254	0.774	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.180	0.782	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:44	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:44	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.656	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:44	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.17	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:44	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.55	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:44	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.632	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:44	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:44	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.721	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:44	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:44	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*117 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*110 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*116 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*111 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*99.2 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*82.2 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*70.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*54.7 %*	*10-150*

Sample Information

Client Sample ID: PCI-B-14-1.0-2.0 **York Sample ID:** 25G0333-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:30 pm	07/03/2025

Q_P_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 acid (MPFBA)*	*5.01 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*107 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*75.1 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*118 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*76.9 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*77.7 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*174 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*102 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*107 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*160 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*80.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*79.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*58.9 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*62.3 %*			*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**	**96.1**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/07/2025 11:27	07/08/2025 01:23	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-64-1	**Acetone**	**0.029**		mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-20-9	Methyl acetate	ND	ICVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.012	0.025	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/07/2025 11:27	07/08/2025 01:23	PRS

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09	SS NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	ICVE	mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09	SS NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09	SS NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0870	0.174	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E, CCVE	mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0870	0.174	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
101-55-3	4-Bromophenyl phenyl ether	ND	ICVE	mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0870	0.174	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND	CCVE, CAL-E	mg/kg dry	0.174	0.348	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0870	0.174	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
118-74-1	Hexachlorobenzene	ND	ICVE	mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.348	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.8 %*	*23-114*

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

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*	*49.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*55.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*52.2 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

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/kg	18.9	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/10/2025 09:33	07/10/2025 17:45	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*	*39-127.5*

Q_P_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	0.117	0.186	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0556	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.188	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.175	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.198	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.200	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Q_P_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
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.204	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.153	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.200	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.787	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.792	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.374	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:56	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.203	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:56	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0651	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:56	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:56	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.625	0.787	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.638	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.326	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.258	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.177	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:56	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.130	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 20:56	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.665	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:56	AM

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Q_P_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
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.20	5.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:56	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.57	5.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:56	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.641	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:56	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:56	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.732	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:56	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 20:56	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*111 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*113 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*115 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*105 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*90.1 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*75.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*53.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*5.25 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*106 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*72.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*118 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*76.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*77.7 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*171 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*111 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*111 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*158 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*89.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*77.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*62.9 %*		*25-150*
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*62.0 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**7-Nonenamide isomer RT14.14**	**2570**	J	ug/kg dry			2	EPA 8270D Certifications:	07/07/2025 08:57	07/08/2025 14:09	SS
NA	**9-Octadecenamide isomer RT1...**	**750**	J, B	ug/kg dry			2	EPA 8270D Certifications:	07/07/2025 08:57	07/08/2025 14:09	SS

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 NELAC-NY10854,NJDEP-CT005	07/07/2025 22:33	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854	07/07/2025 22:33	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 NELAC-NY10854,NJDEP-CT005	07/07/2025 22:33	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:33	RJ

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0343	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:33	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.7 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:12	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15200**		mg/kg dry	4.37	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/kg dry	2.19	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-38-2	**Arsenic**	**7.10**		mg/kg dry	1.31	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**37.2**		mg/kg dry	2.18	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	**Beryllium**	**0.469**		mg/kg dry	0.044	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-43-9	Cadmium	ND		mg/kg dry	0.262	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-70-2	**Calcium**	**1530**		mg/kg dry	4.37	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-47-3	**Chromium**	**15.5**		mg/kg dry	0.438	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-48-4	**Cobalt**	**10.7**		mg/kg dry	0.350	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**32.5**		mg/kg dry	1.75	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-89-6	**Iron**	**34200**		mg/kg dry	21.9	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**14.7**		mg/kg dry	0.438	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-95-4	**Magnesium**	**8090**		mg/kg dry	4.38	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**1020**		mg/kg dry	0.438	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**26.9**		mg/kg dry	0.871	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-09-7	**Potassium**	**908**		mg/kg dry	4.38	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.19	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.441	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	Sodium	ND		mg/kg dry	43.7	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-28-0	Thallium	ND		mg/kg dry	1.75	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-62-2	**Vanadium**	**15.9**		mg/kg dry	0.871	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-66-6	**Zinc**	**73.2**		mg/kg dry	2.18	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

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

Sample Information

Client Sample ID: PCI-B-14-6.0-8.0 **York Sample ID:** 25G0333-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:35 pm	07/03/2025

Sample Prepared by Method: EPA 7473 soil

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/kg dry	0.0315	1	EPA 7473	07/08/2025 08:22	07/08/2025 13:42	DBT
							Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.525	1	EPA 9014/9010C	07/09/2025 14:46	07/09/2025 20:45	sml
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

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**	**95.3**		%	0.100	1	SM 2540G	07/09/2025 07:04	07/09/2025 08:55	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-26-0.0-0.17 **York Sample ID:** 25G0333-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:50 pm	07/03/2025

Q_P_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	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.126	0.201	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:08	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0602	0.227	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.227	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.203	0.208	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:08	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.195	0.227	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.400**		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.215	0.227	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:08	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-26-0.0-0.17 **York Sample ID:** 25G0333-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:50 pm	07/03/2025

Q_P_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	0.217	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.225	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.185	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.142	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.117	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.168	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.220	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.124	0.454	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.166	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.176	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.852	0.863	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.857	0.872	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.124	0.908	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.158	0.404	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:08	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.219	0.454	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:08	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0704	0.454	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:08	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.109	0.454	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:08	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.178	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.676	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.690	0.908	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.353	0.859	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM

Sample Information

Client Sample ID: PCI-B-26-0.0-0.17 **York Sample ID:** 25G0333-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:50 pm	07/03/2025

Q_P_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	0.279	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.198	0.859	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.192	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:08	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.141	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:08	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.720	1.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:08	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.38	5.68	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:08	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.70	5.68	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:08	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.694	2.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:08	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.204	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:08	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.792	2.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:08	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.225	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:08	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*103 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*109 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*115 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*116 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*85.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*76.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*2.85 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*114 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*42.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*125 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*84.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*91.5 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*160 %*		*25-200*

Sample Information

Client Sample ID: PCI-B-26-0.0-0.17 **York Sample ID:** 25G0333-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:50 pm	07/03/2025

Q_P_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
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*114 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*134 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*104 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*81.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*97.4 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*69.6 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*61.5 %*			*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**	**88.1**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-26-0.17-1.0 **York Sample ID:** 25G0333-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:55 pm	07/03/2025

Q_P_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	0.120	0.191	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:21	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0571	0.215	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.215	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.197	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:21	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.215	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.433**		ug/kg dry	0.180	0.200	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.215	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-26-0.17-1.0 **York Sample ID:** 25G0333-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:55 pm	07/03/2025

Q_P_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	0.206	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.209	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.807	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.813	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.383	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:21	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.208	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:21	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0668	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:21	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:21	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.641	0.807	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.655	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.335	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM

Sample Information

Client Sample ID: PCI-B-26-0.17-1.0 **York Sample ID:** 25G0333-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:55 pm	07/03/2025

Q_P_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	0.265	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.182	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:21	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:21	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.683	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:21	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.26	5.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:21	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.61	5.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:21	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.658	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:21	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.194	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:21	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.750	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:21	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:21	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*106 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*107 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*111 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*107 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*81.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*63.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*13.8 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*103 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*79.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*114 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*81.2 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*91.1 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*164 %*		*25-200*

Sample Information

Client Sample ID: PCI-B-26-0.17-1.0 **York Sample ID:** 25G0333-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:55 pm	07/03/2025

Q_P_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
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*108 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*152 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*60.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*81.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*62.1 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*60.7 %*			*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**	**92.1**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-26-1.0-2.0 **York Sample ID:** 25G0333-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:00 pm	07/03/2025

Q_P_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	0.116	0.184	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0552	0.208	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.208	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.186	0.191	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.179	0.208	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.174	0.194	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.197	0.208	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 21:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-26-1.0-2.0 **York Sample ID:** 25G0333-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:00 pm	07/03/2025

Q_P_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	0.199	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.170	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.130	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.107	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.154	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.202	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.152	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.199	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.781	0.792	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.786	0.800	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.833	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.145	0.371	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:57	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.201	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:57	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0646	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:57	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.100	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:57	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.164	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.620	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.633	0.833	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.324	0.788	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM

Sample Information

Client Sample ID: PCI-B-26-1.0-2.0 **York Sample ID:** 25G0333-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:00 pm	07/03/2025

Q_P_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	0.256	0.779	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.181	0.788	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.176	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:57	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.129	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 21:57	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.660	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:57	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.19	5.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:57	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.56	5.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:57	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.636	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:57	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.188	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:57	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.726	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:57	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 21:57	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*98.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*108 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*102 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*105 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*95.1 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*85.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*69.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.89 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*93.1 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*74.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*109 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*69.6 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*76.5 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*155 %*		*25-200*

Sample Information

Client Sample ID: PCI-B-26-1.0-2.0 **York Sample ID:** 25G0333-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:00 pm	07/03/2025

Q_P_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
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*100 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*99.7 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*148 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*64.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*82.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*98.2 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*64.8 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*64.0 %*			*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**	**96.0**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0021	0.0043	1	EPA 8260D	07/07/2025 11:27	07/08/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	07/07/2025 11:27	07/08/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	07/07/2025 11:27	07/08/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	07/07/2025 11:27	07/08/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	07/07/2025 11:27	07/08/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	07/07/2025 11:27	07/08/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	07/07/2025 11:27	07/08/2025 01:51	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.085	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-64-1	Acetone	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
79-20-9	Methyl acetate	ND	ICVE	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.011	0.021	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 01:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*85-120*

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/07/2025 11:27	07/08/2025 01:51	PRS

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	ICVE	mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0867	0.173	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 14:39	SS

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0867	0.173	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E, CCVE	mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0867	0.173	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0867	0.173	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
101-55-3	4-Bromophenyl phenyl ether	ND	ICVE	mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0867	0.173	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0867	0.173	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.174	0.347	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND	CAL-E, CCVE	mg/kg dry	0.174	0.347	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0867	0.173	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
218-01-9	Chrysene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
206-44-0	Fluoranthene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-73-7	Fluorene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND	ICVE	mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
108-95-2	Phenol	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0434	0.0867	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.347	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 14:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*48.8 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

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

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

Sample Prepared by Method: EPA 3550C

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/kg	19.0	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/10/2025 09:33	07/10/2025 18:00	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*46.0 %*	*39-127.5*

Q_P 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	0.116	0.185	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0554	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.187	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.180	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.175	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.198	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.200	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.203	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.153	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.162	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Q_P_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
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.785	0.795	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.790	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.145	0.372	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:10	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.202	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:10	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0649	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:10	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.100	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:10	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.164	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.622	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.636	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.325	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.257	0.782	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.182	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.177	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:10	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.130	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:10	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.663	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:10	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.19	5.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:10	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.57	5.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:10	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.639	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:10	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:10	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.729	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:10	AM

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Q_P_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		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:10	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*99.0 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*111 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*107 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*99.9 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*69.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*5.56 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*101 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*75.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*118 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*78.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*88.4 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*172 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*118 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*97.6 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*149 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*95.6 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*78.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*93.3 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*67.5 %*		*25-150*
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*67.6 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**9-Octadecenamide isomer RT1...**	**2820**	J, B	ug/kg dry			2	EPA 8270D Certifications:	07/07/2025 08:57	07/08/2025 14:39	SS

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 NELAC-NY10854,NJDEP-CT005	07/07/2025 22:51	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854	07/07/2025 22:51	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 NELAC-NY10854,NJDEP-CT005	07/07/2025 22:51	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 22:51	RJ

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0343	5	EPA 8081B	07/07/2025 08:46	07/07/2025 22:51	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.1 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:26	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:26	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:26	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:26	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:26	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:26	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:26	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:26	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15400**		mg/kg dry	4.36	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-36-0	Antimony	ND		mg/kg dry	2.18	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.04**		mg/kg dry	1.31	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**42.4**		mg/kg dry	2.18	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	**Beryllium**	**0.459**		mg/kg dry	0.044	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-43-9	Cadmium	ND		mg/kg dry	0.262	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-70-2	**Calcium**	**814**		mg/kg dry	4.36	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-47-3	**Chromium**	**16.2**		mg/kg dry	0.436	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-48-4	**Cobalt**	**10.3**		mg/kg dry	0.348	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**29.2**		mg/kg dry	1.74	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-89-6	**Iron**	**30600**		mg/kg dry	21.8	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**12.6**		mg/kg dry	0.436	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-95-4	**Magnesium**	**7590**		mg/kg dry	4.36	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**898**		mg/kg dry	0.436	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**26.2**		mg/kg dry	0.868	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-09-7	**Potassium**	**1270**		mg/kg dry	4.36	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.18	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.439	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	Sodium	ND		mg/kg dry	43.6	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-28-0	Thallium	ND		mg/kg dry	1.75	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-62-2	**Vanadium**	**14.8**		mg/kg dry	0.868	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-66-6	**Zinc**	**65.2**		mg/kg dry	2.17	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-26-4.0-6.0 **York Sample ID:** 25G0333-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Sample Prepared by Method: EPA 7473 soil

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/kg dry	0.0314	1	EPA 7473	07/08/2025 08:22	07/08/2025 13:42	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.523	1	EPA 9014/9010C	07/09/2025 14:46	07/09/2025 20:45	sml
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

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**	**95.6**		%	0.100	1	SM 2540G	07/09/2025 07:04	07/09/2025 08:55	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:18	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.089	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-20-9	Methyl acetate	ND	ICVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.011	0.022	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.1 %*	*85-120*

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/07/2025 11:27	07/08/2025 02:18	PRS

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0886	0.177	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	ICVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0886	0.177	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 08:57	07/08/2025 15:09	SS

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
91-94-1	3,3-Dichlorobenzidine	ND	CCVE, CAL-E	mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0886	0.177	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
101-55-3	4-Bromophenyl phenyl ether	ND	ICVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0886	0.177	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.177	0.355	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND	CAL-E, CCVE	mg/kg dry	0.177	0.355	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0886	0.177	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND	ICVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.355	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:09	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*48.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*46.4 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

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

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

Sample Prepared by Method: EPA 3550C

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/kg	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	07/10/2025 09:33	07/10/2025 18:15	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*46.0 %*	*39-127.5*

Q_P 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	0.189	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0567	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	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	07/11/2025 10:35	07/14/2025 22:22	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	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	07/11/2025 10:35	07/14/2025 22:22	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	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	07/11/2025 10:35	07/14/2025 22:22	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	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	07/11/2025 10:35	07/14/2025 22:22	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	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	07/11/2025 10:35	07/14/2025 22:22	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	07/11/2025 10:35	07/14/2025 22:22	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	07/11/2025 10:35	07/14/2025 22:22	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	07/11/2025 10:35	07/14/2025 22:22	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	07/11/2025 10:35	07/14/2025 22:22	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	07/11/2025 10:35	07/14/2025 22:22	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	07/11/2025 10:35	07/14/2025 22:22	AM

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Q_P_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
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.802	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	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	07/11/2025 10:35	07/14/2025 22:22	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.856	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	AM
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	07/11/2025 10:35	07/14/2025 22:22	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.206	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:22	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0663	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:22	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	07/11/2025 10:35	07/14/2025 22:22	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	07/11/2025 10:35	07/14/2025 22:22	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.637	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.650	0.856	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.333	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.263	0.800	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:22	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:22	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.678	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:22	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.24	5.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:22	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.60	5.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:22	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.654	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:22	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:22	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.746	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:22	AM

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Q_P_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		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:22	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*101 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*110 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*98.5 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*106 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*93.0 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*80.1 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*64.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*59.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*13.1 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*91.5 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*80.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*102 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*73.6 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*73.8 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*151 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*98.7 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*105 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*147 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*65.9 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*74.2 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*92.6 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*60.1 %*		*25-150*
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*60.3 %*		*25-150*

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Tetradecanamide isomer RT14.13**	**1930**	J	ug/kg dry			2	EPA 8270D Certifications:	07/07/2025 08:57	07/08/2025 15:09	SS

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 NELAC-NY10854,NJDEP-CT005	07/07/2025 23:59	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854	07/07/2025 23:59	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 NELAC-NY10854,NJDEP-CT005	07/07/2025 23:59	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	07/07/2025 08:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/07/2025 23:59	RJ

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B	07/07/2025 08:46	07/07/2025 23:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B	07/07/2025 08:46	07/07/2025 23:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0348	5	EPA 8081B	07/07/2025 08:46	07/07/2025 23:59	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.1 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A	07/07/2025 08:45	07/08/2025 05:39	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17500**		mg/kg dry	4.46	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-36-0	Antimony	ND		mg/kg dry	2.23	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**6.11**		mg/kg dry	1.34	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**38.1**		mg/kg dry	2.23	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	**Beryllium**	**0.538**		mg/kg dry	0.045	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-43-9	Cadmium	ND		mg/kg dry	0.267	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-70-2	**Calcium**	**435**		mg/kg dry	4.46	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-47-3	**Chromium**	**15.5**		mg/kg dry	0.446	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-48-4	**Cobalt**	**10.7**		mg/kg dry	0.356	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**52.9**		mg/kg dry	1.78	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-89-6	**Iron**	**30500**		mg/kg dry	22.3	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**17.4**		mg/kg dry	0.446	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-95-4	**Magnesium**	**7060**		mg/kg dry	4.46	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**963**		mg/kg dry	0.446	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**24.5**		mg/kg dry	0.888	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-09-7	**Potassium**	**1120**		mg/kg dry	4.46	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.23	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.449	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	Sodium	ND		mg/kg dry	44.6	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-28-0	Thallium	ND		mg/kg dry	1.79	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-62-2	**Vanadium**	**16.7**		mg/kg dry	0.888	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-66-6	**Zinc**	**62.3**		mg/kg dry	2.22	1	EPA 6010D	07/08/2025 14:45	07/09/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-FD01-250702 **York Sample ID:** 25G0333-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 4:05 pm	07/03/2025

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0335**		mg/kg dry	0.0321	1	EPA 7473	07/08/2025 08:22	07/08/2025 13:42	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444(		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.535	1	EPA 9014/9010C	07/09/2025 14:46	07/09/2025 20:45	sml
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

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**	**93.5**		%	0.100	1	SM 2540G	07/09/2025 07:04	07/09/2025 08:55	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCI-MC01-250703 **York Sample ID:** 25G0333-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 8:30 am	07/03/2025

Q_P_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	0.110	0.175	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:34	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0525	0.198	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:34	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.104	0.198	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:34	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.177	0.181	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:34	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.170	0.198	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:34	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.165	0.184	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:34	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.187	0.198	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:34	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PCI-MC01-250703 **York Sample ID:** 25G0333-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 8:30 am	07/03/2025

Q_P_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	0.189	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.196	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.161	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.102	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.147	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.192	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.108	0.396	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.145	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.153	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.189	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.743	0.752	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.748	0.760	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.108	0.792	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.138	0.352	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:34	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.191	0.396	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:34	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0614	0.396	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:34	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0950	0.396	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:34	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.155	0.186	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.589	0.743	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.602	0.792	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.308	0.749	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM

Sample Information

Client Sample ID: PCI-MC01-250703 **York Sample ID:** 25G0333-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 8:30 am	07/03/2025

Q_P_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	0.244	0.741	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.172	0.749	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.167	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:34	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.123	0.190	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:34	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.628	0.990	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:34	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.08	4.95	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:34	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.49	4.95	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:34	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.605	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:34	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:34	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.690	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:34	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.196	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:34	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*99.2 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*98.3 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*97.6 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*94.0 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*69.3 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*53.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*40.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*34.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*3.47 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*62.1 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*58.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*85.4 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*48.0 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*50.9 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*141 %*		*25-200*

Sample Information

Client Sample ID: PCI-MC01-250703 **York Sample ID:** 25G0333-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 8:30 am	07/03/2025

Q_P_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
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*72.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*83.0 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*140 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*55.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*49.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*85.9 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*44.3 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*46.2 %*			*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**	**100**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-RB01-250703 **York Sample ID:** 25G0333-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 3, 2025 10:25 am	07/03/2025

Q_P_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	0.474	1.79	1	EPA 1633 Draft 3	07/13/2025 17:22	07/16/2025 12:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.353	2.02	1	EPA 1633 Draft 3	07/13/2025 17:22	07/16/2025 12:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.716	2.02	1	EPA 1633 Draft 3	07/13/2025 17:22	07/16/2025 12:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.686	1.85	1	EPA 1633 Draft 3	07/13/2025 17:22	07/16/2025 12:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.424	2.02	1	EPA 1633 Draft 3	07/13/2025 17:22	07/16/2025 12:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.827	1.88	1	EPA 1633 Draft 3	07/13/2025 17:22	07/16/2025 12:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.525	2.02	1	EPA 1633 Draft 3	07/13/2025 17:22	07/16/2025 12:49	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-RB01-250703 **York Sample ID:** 25G0333-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 3, 2025 10:25 am	07/03/2025

Q_P_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	0.757	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.14	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.888	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.747	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.696	2.02	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.797	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.04	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.232	4.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.888	2.02	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.918	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.33	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.57	7.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.07	7.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.333	8.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.505	3.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/13/2025 17:22	07/16/2025 12:49	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ng/L	2.16	4.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/13/2025 17:22	07/16/2025 12:49	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.252	4.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/13/2025 17:22	07/16/2025 12:49	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.373	4.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/13/2025 17:22	07/16/2025 12:49	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.767	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.81	7.57	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.26	8.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.39	7.63	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.706	7.55	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM

Sample Information

Client Sample ID: PCI-RB01-250703 **York Sample ID:** 25G0333-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 3, 2025 10:25 am	07/03/2025

Q_P_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	0.535	7.63	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.938	1.96	1	EPA 1633 Draft 3 Certifications:	07/13/2025 17:22	07/16/2025 12:49	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.868	1.94	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	07/13/2025 17:22	07/16/2025 12:49	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	2.05	5.05	1	EPA 1633 Draft 3 Certifications:	07/13/2025 17:22	07/16/2025 12:49	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	7.40	25.2	1	EPA 1633 Draft 3 Certifications:	07/13/2025 17:22	07/16/2025 12:49	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	9.56	25.2	1	EPA 1633 Draft 3 Certifications:	07/13/2025 17:22	07/16/2025 12:49	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.03	20.2	1	EPA 1633 Draft 3 Certifications:	07/13/2025 17:22	07/16/2025 12:49	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.59	2.02	1	EPA 1633 Draft 3 Certifications:	07/13/2025 17:22	07/16/2025 12:49	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.03	20.2	1	EPA 1633 Draft 3 Certifications:	07/13/2025 17:22	07/16/2025 12:49	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.82	2.02	1	EPA 1633 Draft 3 Certifications:	07/13/2025 17:22	07/16/2025 12:49	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*99.5 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*118 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*125 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*111 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*98.8 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*101 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*81.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*53.5 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*114 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*94.9 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*109 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*117 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*64.0 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*76.1 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*162 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*108 %*	*25-200*

Sample Information

Client Sample ID: PCI-RB01-250703 **York Sample ID:** 25G0333-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Water	July 3, 2025 10:25 am	07/03/2025

Q_P_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
13C9PFNA	*Surrogate: M9PFNA*	*97.0 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*141 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*96.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*91.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*120 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*72.5 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*75.2 %*			*25-150*						

Sample Information

Client Sample ID: PCI-B-1-0.0-0.17 **York Sample ID:** 25G0333-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:25 am	07/03/2025

Q_P_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	0.121	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0587**	J	ug/kg dry	0.0579	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.484**		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.207	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM

Sample Information

Client Sample ID: PCI-B-1-0.0-0.17 **York Sample ID:** 25G0333-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:25 am	07/03/2025

Q_P_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
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.136**	J	ug/kg dry	0.119	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.820	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.825	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.389	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:46	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:46	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0677	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:46	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:46	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.650	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.664	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.340	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.269	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:46	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:46	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.693	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:46	AM

Sample Information

Client Sample ID: PCI-B-1-0.0-0.17 **York Sample ID:** 25G0333-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:25 am	07/03/2025

Q_P_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
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.29	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:46	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.64	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:46	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.668	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:46	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:46	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.762	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:46	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:46	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*108 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*101 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*104 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*97.6 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*85.0 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*74.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*59.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*14.1 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*97.2 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*78.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*108 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*73.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*92.7 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*189 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*129 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*98.1 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*154 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*79.5 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*79.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*90.3 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*59.9 %*		*25-150*
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*55.4 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-1-0.0-0.17 **York Sample ID:** 25G0333-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:25 am	07/03/2025

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**	**91.3**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-1-0.17-1.0 **York Sample ID:** 25G0333-48

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:30 am	07/03/2025

Q P 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	0.123	0.196	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:59	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.135**	J	ug/kg dry	0.0586	0.221	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.202	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:59	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.650**		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.221	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.215	0.221	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 22:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **PCI-B-1-0.17-1.0** **York Sample ID:** **25G0333-48**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:30 am	07/03/2025

Q_P_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)**	**0.225**	J	ug/kg dry	0.121	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:59	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:59	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:59	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	07/11/2025 10:35	07/14/2025 22:59	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.829	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:59	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.835	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:59	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:59	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.394	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:59	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.213	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:59	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0686	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:59	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:59	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:59	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.658	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:59	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.672	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:59	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.344	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:59	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.272	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:59	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 22:59	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:59	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	07/11/2025 10:35	07/14/2025 22:59	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.701	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:59	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.32	5.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:59	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.66	5.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:59	AM

Sample Information

Client Sample ID: PCI-B-1-0.17-1.0 **York Sample ID:** 25G0333-48

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:30 am	07/03/2025

Q_P_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
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.676	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:59	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:59	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.771	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:59	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 22:59	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*102 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*109 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.7 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*71.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*63.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*6.28 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*112 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*74.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*115 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*86.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*90.5 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*178 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*111 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*99.1 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*137 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*86.4 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*91.6 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*94.5 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*72.6 %*		*25-150*
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*69.5 %*		*25-150*

Sample Information

Client Sample ID: **PCI-B-1-0.17-1.0** **York Sample ID:** **25G0333-48**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:30 am	07/03/2025

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**	**89.5**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PCI-B-1-1.0-2.0** **York Sample ID:** **25G0333-49**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:35 am	07/03/2025

Q P 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	07/11/2025 10:35	07/14/2025 23:11	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.118**	J	ug/kg dry	0.0606	0.229	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:11	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	07/11/2025 10:35	07/14/2025 23:11	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	07/11/2025 10:35	07/14/2025 23:11	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	07/11/2025 10:35	07/14/2025 23:11	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.780**		ug/kg dry	0.191	0.213	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:11	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	07/11/2025 10:35	07/14/2025 23:11	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.219	0.229	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:11	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.227	0.229	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:11	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	07/11/2025 10:35	07/14/2025 23:11	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	07/11/2025 10:35	07/14/2025 23:11	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	07/11/2025 10:35	07/14/2025 23:11	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	07/11/2025 10:35	07/14/2025 23:11	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	07/11/2025 10:35	07/14/2025 23:11	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **PCI-B-1-1.0-2.0** **York Sample ID:** **25G0333-49**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:35 am	07/03/2025

Q_P_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)**	**0.165**	J	ug/kg dry	0.125	0.458	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:11	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	07/11/2025 10:35	07/14/2025 23:11	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	07/11/2025 10:35	07/14/2025 23:11	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:11	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.858	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:11	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.864	0.879	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:11	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	07/11/2025 10:35	07/14/2025 23:11	AM
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	07/11/2025 10:35	07/14/2025 23:11	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.221	0.458	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:11	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0709	0.458	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:11	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.110	0.458	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:11	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.180	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:11	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.681	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:11	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.696	0.915	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:11	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.356	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:11	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.281	0.856	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:11	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.199	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:11	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.193	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:11	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.142	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:11	AM
356-02-5	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.725	1.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:11	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.40	5.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:11	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.72	5.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:11	AM

Sample Information

Client Sample ID: PCI-B-1-1.0-2.0 **York Sample ID:** 25G0333-49

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:35 am	07/03/2025

Q_P_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
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.699	2.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:11	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.206	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:11	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.797	2.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:11	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.227	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:11	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*102 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*109 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.0 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*76.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*8.22 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*97.5 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*82.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*106 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*71.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*77.9 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*175 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*130 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*108 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*155 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*77.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*68.9 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*96.8 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*64.4 %*		*25-150*
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*60.9 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-1-1.0-2.0 **York Sample ID:** 25G0333-49

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:35 am	07/03/2025

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**	**86.9**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-1-4.0-5.0 **York Sample ID:** 25G0333-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:40 am	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0021	0.0042	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:46	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:46	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:46	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:46	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:46	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:46	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:46	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:46	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:46	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:46	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:46	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:46	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:46	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	07/07/2025 11:27	07/08/2025 02:46	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: PCI-B-1-4.0-5.0 **York Sample ID:** 25G0333-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:40 am	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.083	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-64-1	**Acetone**	**0.012**		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,

Sample Information

Client Sample ID: PCI-B-1-4.0-5.0 **York Sample ID:** 25G0333-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:40 am	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-20-9	Methyl acetate	ND	ICVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044

Sample Information

Client Sample ID: PCI-B-1-4.0-5.0 **York Sample ID:** 25G0333-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:40 am	07/03/2025

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.010	0.021	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0062	0.012	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry			1	EPA 8260C Certifications:	07/07/2025 11:27	07/08/2025 02:46	PRS

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: PCI-B-1-4.0-5.0 **York Sample ID:** 25G0333-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:40 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,PADEP-68-04440	07/08/2025 15:38	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	ICVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,PADEP-68-04440	07/08/2025 15:38	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,PADEP-68-04440	07/08/2025 15:38	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E, CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/08/2025 15:38	SS

Sample Information

Client Sample ID: PCI-B-1-4.0-5.0 **York Sample ID:** 25G0333-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:40 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
101-55-3	4-Bromophenyl phenyl ether	ND	ICVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0902	0.180	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND	CAL-E, CCVE	mg/kg dry	0.181	0.361	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
56-55-3	**Benzo(a)anthracene**	**0.0995**		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	SS
50-32-8	**Benzo(a)pyrene**	**0.108**		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	SS
205-99-2	**Benzo(b)fluoranthene**	**0.125**		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	SS
191-24-2	**Benzo(g,h,i)perylene**	**0.0649**	J	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	SS
207-08-9	**Benzo(k)fluoranthene**	**0.109**		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	SS
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: PCI-B-1-4.0-5.0 **York Sample ID:** 25G0333-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:40 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	**Benzyl butyl phthalate**	**0.125**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.100**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0902	0.180	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
218-01-9	**Chrysene**	**0.139**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.172**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
86-73-7	Fluorene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND	ICVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0591**	J	mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
78-59-1	Isophorone	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-20-3	Naphthalene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	07/07/2025 08:57	07/08/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PCI-B-1-4.0-5.0 **York Sample ID:** 25G0333-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:40 am	07/03/2025

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-01-8	**Phenanthrene**	**0.0634**	J	mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	SS
108-95-2	Phenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
129-00-0	**Pyrene**	**0.201**		mg/kg dry	0.0452	0.0902	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	SS
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.361	2	EPA 8270E Certifications:	07/07/2025 08:57	07/08/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.9 %*	*24-116*

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

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

Sample Prepared by Method: EPA 3550C

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/kg	19.2	1	EPA 8270D SIM Certifications:	07/10/2025 09:33	07/10/2025 18:46 NELAC-NY10854	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*48.0 %*	*39-127.5*

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzeneethanamine isomer RT...**	**769**	J	ug/kg dry			2	EPA 8270D Certifications:	07/07/2025 08:57	07/08/2025 15:38	SS

Sample Information

Client Sample ID: PCI-B-1-4.0-5.0 **York Sample ID:** 25G0333-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:40 am	07/03/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ NELAC-NY10854,NJDEP-CT005
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B Certifications:	07/07/2025 08:46	07/08/2025 00:16	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.8 %*	*30-150*

Sample Information

Client Sample ID: PCI-B-1-4.0-5.0 **York Sample ID:** 25G0333-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:40 am	07/03/2025

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.1 %*		*30-150*						

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	07/07/2025 08:45	07/08/2025 10:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	07/07/2025 08:45	07/08/2025 10:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	07/07/2025 08:45	07/08/2025 10:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	07/07/2025 08:45	07/08/2025 10:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	07/07/2025 08:45	07/08/2025 10:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	07/07/2025 08:45	07/08/2025 10:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	07/07/2025 08:45	07/08/2025 10:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	07/07/2025 08:45	07/08/2025 10:17	NF
							Certifications:			

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12600**		mg/kg dry	4.54	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-36-0	Antimony	ND		mg/kg dry	2.27	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-38-2	**Arsenic**	**4.90**		mg/kg dry	1.36	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**33.8**		mg/kg dry	2.26	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	**Beryllium**	**0.386**		mg/kg dry	0.046	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-43-9	**Cadmium**	**0.327**		mg/kg dry	0.272	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: PCI-B-1-4.0-5.0 **York Sample ID:** 25G0333-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:40 am	07/03/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**33300**		mg/kg dry	4.54	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-47-3	**Chromium**	**30.6**		mg/kg dry	0.454	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-48-4	**Cobalt**	**9.37**		mg/kg dry	0.363	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**47.1**		mg/kg dry	1.81	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-89-6	**Iron**	**28700**		mg/kg dry	22.7	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**59.9**		mg/kg dry	0.454	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-95-4	**Magnesium**	**21200**		mg/kg dry	4.54	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**624**		mg/kg dry	0.454	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**22.8**		mg/kg dry	0.904	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-09-7	**Potassium**	**1180**		mg/kg dry	4.54	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.457	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	**Sodium**	**91.4**		mg/kg dry	45.4	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-28-0	Thallium	ND		mg/kg dry	1.82	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-62-2	**Vanadium**	**18.5**		mg/kg dry	0.904	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-66-6	**Zinc**	**151**		mg/kg dry	2.26	1	EPA 6010D	07/09/2025 14:37	07/10/2025 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

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/kg dry	0.0327	1	EPA 7473	07/08/2025 08:22	07/08/2025 13:42	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCI-B-1-4.0-5.0 **York Sample ID:** 25G0333-50

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 9:40 am	07/03/2025

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	1	EPA 9014/9010C	07/09/2025 14:46	07/09/2025 20:45	sml
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

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**	**91.9**		%	0.100	1	SM 2540G	07/09/2025 07:04	07/09/2025 08:55	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-FD02-250702 **York Sample ID:** 25G0333-51

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:00 pm	07/03/2025

Q_P_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	0.115	0.183	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:23	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0548	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.185	0.189	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:23	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.178	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.173	0.192	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:23	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-FD02-250702 **York Sample ID:** 25G0333-51

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:00 pm	07/03/2025

Q_P_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	0.106	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.153	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.151	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.775	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.780	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.368	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:23	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:23	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0641	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:23	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0992	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:23	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.615	0.775	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.628	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.321	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.254	0.773	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.180	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:23	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:23	AM

Sample Information

Client Sample ID: PCI-FD02-250702 **York Sample ID:** 25G0333-51

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:00 pm	07/03/2025

Q_P_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	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.655	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:23	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.17	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:23	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.55	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:23	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.631	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:23	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:23	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.720	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:23	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:23	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*97.5 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*106 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*100 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*87.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*69.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*3.78 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*93.8 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*56.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*105 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*71.6 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*79.1 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*169 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*110 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*101 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*150 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*73.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*69.4 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*94.1 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*56.1 %*		*25-150*

Sample Information

Client Sample ID: PCI-FD02-250702 **York Sample ID:** 25G0333-51

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:00 pm	07/03/2025

Q_P_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
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*61.4 %*			*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**	**96.6**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-FD03-250702 **York Sample ID:** 25G0333-52

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:00 pm	07/03/2025

Q_P_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	0.115	0.183	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:36	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0547	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:36	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:36	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.185	0.189	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:36	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.178	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:36	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.172	0.192	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:36	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:36	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:36	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.204	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:36	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:36	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.207	1	EPA 1633 Draft 3	07/11/2025 10:35	07/14/2025 23:36	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-FD03-250702 **York Sample ID:** 25G0333-52

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:00 pm	07/03/2025

Q_P_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	0.106	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.153	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.151	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.774	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.780	0.793	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.368	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:36	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:36	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0640	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:36	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0991	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:36	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.614	0.774	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.628	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.321	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.254	0.772	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.180	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:36	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/11/2025 10:35	07/14/2025 23:36	AM

Sample Information

Client Sample ID: PCI-FD03-250702 **York Sample ID:** 25G0333-52

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:00 pm	07/03/2025

Q_P_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	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.655	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:36	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.17	5.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:36	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.55	5.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:36	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.631	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:36	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:36	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.720	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:36	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.204	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/11/2025 10:35	07/14/2025 23:36	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*114 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*108 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*112 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.4 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*72.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*52.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.18 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*104 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*62.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*121 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*77.1 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*83.9 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*179 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*115 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*111 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*150 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*87.5 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*77.2 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*97.4 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*56.9 %*		*25-150*

Sample Information

Client Sample ID: PCI-FD03-250702 **York Sample ID:** 25G0333-52

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 2, 2025 3:00 pm	07/03/2025

Q_P_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
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*59.3 %*			*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**	**96.1**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:01	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-02_0.0-0.17 **York Sample ID:** 25G0333-53

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 10:00 am	07/03/2025

Q_P_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)								07/13/2025 09:52	07/16/2025 13:01	AM
								Certifications: 2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)								07/13/2025 09:52	07/16/2025 13:01	AM
								Certifications: 2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)								07/13/2025 09:52	07/16/2025 13:01	AM
								Certifications: 2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)								07/13/2025 09:52	07/16/2025 13:01	AM
								Certifications: 2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.268	0.312	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.26**		ug/kg dry	0.261	0.290	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.295	0.312	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.298	0.312	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.378**		ug/kg dry	0.309	0.312	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.254	0.312	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.195	0.312	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

Sample Information

Client Sample ID: PCI-B-02_0.0-0.17 **York Sample ID:** 25G0333-53

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 10:00 am	07/03/2025

Q_P_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	0.161	0.312	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.231	0.312	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.303	0.312	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.170	0.624	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.228	0.312	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.242	0.312	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.298	0.301	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND						ELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND						ELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND						ELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND						ELAC-NH2097	07/13/2025 09:52	07/16/2025 13:01	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		-L				Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:01	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0968	0.624	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:01	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.150	0.624	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:01	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.245	0.293	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.929	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.949	1.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.485	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.384	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.272	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.264	0.303	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:01	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.194	0.300	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:01	AM

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

Sample Information

Client Sample ID: PCI-B-02_0.0-0.17 **York Sample ID:** 25G0333-53

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 10:00 am	07/03/2025

Q_P_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	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.989	1.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:01	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	3.27	7.80	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:01	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	2.34	7.80	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:01	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.953	3.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:01	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.281	0.312	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:01	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.09	3.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:01	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.309	0.312	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:01	AM

	Surrogate Recoveries	Result	Flag	Acceptance Limits
M3PFBS	*Surrogate: M3PFBS*	*98.6 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*114 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*103 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*94.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*72.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*52.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*46.1 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*95.5 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*93.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*96.1 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*64.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*78.1 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*239 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*126 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*97.0 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*109 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*65.6 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*75.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*69.6 %*		*25-150*

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

Sample Information

Client Sample ID: PCI-B-02_0.0-0.17 **York Sample ID:** 25G0333-53

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 10:00 am	07/03/2025

Q_P_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
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*68.6 %*			*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**	**64.0**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:06	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-02_0.17-1.0 **York Sample ID:** 25G0333-54

York Project (SDG) No.	C	Collection Date/Time	Date Received
25G0333	HVRA	July 3, 2025 10:05 am	07/03/2025

Data depicted with a cross-through/strike-through is from sampling areas that will be removed during the IRM, and is therefore data that is not to be considered by the NYSDEC for an on-site soil reuse determination.

Q_P_PFAS, EPA 1633 Target List

e Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	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	07/13/2025 09:52	07/16/2025 13:13	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0595	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	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	07/13/2025 09:52	07/16/2025 13:13	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	07/13/2025 09:52	07/16/2025 13:13	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.277**		ug/kg dry	0.193	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.400**		ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	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	07/13/2025 09:52	07/16/2025 13:13	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	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	07/13/2025 09:52	07/16/2025 13:13	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	AM

Sample Information

Client Sample ID: PCI-B-02_0.17-1.0 **York Sample ID:** 25G0333-54

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 10:05 am	07/03/2025

Q_P_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	0.116	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	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	07/13/2025 09:52	07/16/2025 13:13	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	07/13/2025 09:52	07/16/2025 13:13	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.449	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	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	07/13/2025 09:52	07/16/2025 13:13	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	07/13/2025 09:52	07/16/2025 13:13	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	07/13/2025 09:52	07/16/2025 13:13	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.843	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.848	0.863	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.899	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	AM
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	07/13/2025 09:52	07/16/2025 13:13	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.217	0.449	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:13	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0696	0.449	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:13	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.449	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:13	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.668	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.683	0.899	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.349	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.276	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:13	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.190	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:13	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	07/13/2025 09:52	07/16/2025 13:13	AM

Sample Information

Client Sample ID: PCI-B-02_0.17-1.0 **York Sample ID:** 25G0333-54

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 10:05 am	07/03/2025

Q_P_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	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.712	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:13	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.36	5.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:13	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.69	5.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:13	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.686	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:13	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:13	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.783	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:13	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:13	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*94.2 %*	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*100 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*93.7 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*94.2 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*83.6 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*80.5 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*66.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*53.4 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*35.2 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*84.9 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*86.4 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*89.8 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*61.4 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*59.7 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*152 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*102 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*84.6 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*122 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*69.6 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*75.8 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*98.6 %*	*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*56.7 %*	*25-150*

Sample Information

Client Sample ID: PCI-B-02_0.17-1.0 **York Sample ID:** 25G0333-54

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 10:05 am	07/03/2025

Q_P_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
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*60.7 %*			*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**	**88.3**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:06	AC
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCI-B-02_1.0-2.0 **York Sample ID:** 25G0333-55

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 10:10 am	07/03/2025

Q_P_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	0.203	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:26	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0608	0.229	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:26	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	07/13/2025 09:52	07/16/2025 13:26	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.205	0.210	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:26	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.246**		ug/kg dry	0.197	0.229	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:26	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.191	0.213	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:26	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.217	0.229	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:26	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.219	0.229	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:26	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.227	0.229	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:26	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.187	0.229	1	EPA 1633 Draft 3	07/13/2025 09:52	07/16/2025 13:26	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	07/13/2025 09:52	07/16/2025 13:26	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PCI-B-02_1.0-2.0 **York Sample ID:** 25G0333-55

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 10:10 am	07/03/2025

Q_P_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	0.118	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.170	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	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	07/13/2025 09:52	07/16/2025 13:26	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.125	0.458	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	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	07/13/2025 09:52	07/16/2025 13:26	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.178	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.860	0.871	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.865	0.880	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.125	0.917	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.159	0.408	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:26	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.221	0.458	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:26	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0711	0.458	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:26	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.110	0.458	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:26	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.180	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.682	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.697	0.917	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.356	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.282	0.857	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.199	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.194	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:26	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.142	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/13/2025 09:52	07/16/2025 13:26	AM

Sample Information

Client Sample ID: PCI-B-02_1.0-2.0 **York Sample ID:** 25G0333-55

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 10:10 am	07/03/2025

Q_P_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	* 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.727	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:26	AM
914637-49-3	* 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	2.40	5.73	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:26	AM
812-70-4	* 2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.72	5.73	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:26	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.700	2.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:26	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.206	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:26	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.799	2.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:26	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.227	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/13/2025 09:52	07/16/2025 13:26	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*95.6 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*109 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*114 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*108 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*102 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*93.4 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*72.9 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*54.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.79 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*102 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*75.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*110 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*64.8 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*70.5 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*159 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*102 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*94.6 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*132 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*69.8 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*82.8 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*107 %*		*25-150*
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*69.4 %*		*25-150*

Sample Information

Client Sample ID: PCI-B-02_1.0-2.0 **York Sample ID:** 25G0333-55

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0333	HVRA N - Hangar 18.8090	Soil	July 3, 2025 10:10 am	07/03/2025

Q_P_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
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*70.8 %*			*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**	**87.2**		%	0.100	1	SM 2540G	07/09/2025 12:45	07/09/2025 19:06	AC
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BG50348 **Preparation Method** EPA 3535A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-01	PCI-EB01-250702	07/07/25
BG50348-BLK1	Blank	07/07/25
BG50348-BS1	LCS	07/07/25

Batch ID: BG50353 **Preparation Method** EPA 3550C **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-23	PCI-B-11-6.0-7.5	07/07/25
25G0333-27	PCI-B-07-7.0-9.5	07/07/25
25G0333-39	PCI-B-14-6.0-8.0	07/07/25
25G0333-43	PCI-B-26-4.0-6.0	07/07/25
25G0333-44	PCI-FD01-250702	07/07/25
25G0333-50	PCI-B-1-4.0-5.0	07/07/25
BG50353-BLK1	Blank	07/07/25
BG50353-BS2	LCS	07/07/25
BG50353-MS2	Matrix Spike	07/07/25
BG50353-MSD2	Matrix Spike Dup	07/07/25

Batch ID: BG50354 **Preparation Method** EPA 3550C **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-23	PCI-B-11-6.0-7.5	07/07/25
25G0333-27	PCI-B-07-7.0-9.5	07/07/25
25G0333-39	PCI-B-14-6.0-8.0	07/07/25
25G0333-43	PCI-B-26-4.0-6.0	07/07/25
25G0333-44	PCI-FD01-250702	07/07/25
25G0333-50	PCI-B-1-4.0-5.0	07/07/25
BG50354-BLK1	Blank	07/07/25
BG50354-BS1	LCS	07/07/25
BG50354-MS1	Matrix Spike	07/07/25
BG50354-MSD1	Matrix Spike Dup	07/07/25

Batch ID: BG50357 **Preparation Method** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-07	PCI-B-08-10.0-12.0	07/07/25
25G0333-07	PCI-B-08-10.0-12.0	07/07/25
25G0333-11	PCI-B-03-10.0-12.0	07/07/25
25G0333-11	PCI-B-03-10.0-12.0	07/07/25
25G0333-27	PCI-B-07-7.0-9.5	07/07/25
25G0333-27	PCI-B-07-7.0-9.5	07/07/25
25G0333-39	PCI-B-14-6.0-8.0	07/07/25
25G0333-39	PCI-B-14-6.0-8.0	07/07/25
25G0333-43	PCI-B-26-4.0-6.0	07/07/25

25G0333-43	PCI-B-26-4.0-6.0	07/07/25
25G0333-44	PCI-FD01-250702	07/07/25
25G0333-44	PCI-FD01-250702	07/07/25
25G0333-50	PCI-B-1-4.0-5.0	07/07/25
25G0333-50	PCI-B-1-4.0-5.0	07/07/25
BG50357-BLK1	Blank	07/07/25
BG50357-BLK1	Blank	07/07/25
BG50357-BS1	LCS	07/07/25
BG50357-MS1	Matrix Spike	07/07/25
BG50357-MSD1	Matrix Spike Dup	07/07/25

Batch ID: BG50378 **Preparation Method** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-07	PCI-B-08-10.0-12.0	07/07/25
25G0333-11	PCI-B-03-10.0-12.0	07/07/25
25G0333-27	PCI-B-07-7.0-9.5	07/07/25
25G0333-39	PCI-B-14-6.0-8.0	07/07/25
25G0333-43	PCI-B-26-4.0-6.0	07/07/25
25G0333-44	PCI-FD01-250702	07/07/25
25G0333-50	PCI-B-1-4.0-5.0	07/07/25
BG50378-BLK1	Blank	07/07/25
BG50378-BS1	LCS	07/07/25
BG50378-BSD1	LCS Dup	07/07/25
BG50378-MS1	Matrix Spike	07/07/25
BG50378-MSD1	Matrix Spike Dup	07/07/25

Batch ID: BG50435 **Preparation Method** EPA 7473 soil **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-07	PCI-B-08-10.0-12.0	07/08/25
25G0333-11	PCI-B-03-10.0-12.0	07/08/25
25G0333-27	PCI-B-07-7.0-9.5	07/08/25
25G0333-39	PCI-B-14-6.0-8.0	07/08/25
25G0333-43	PCI-B-26-4.0-6.0	07/08/25
25G0333-44	PCI-FD01-250702	07/08/25
25G0333-50	PCI-B-1-4.0-5.0	07/08/25
BG50435-BLK1	Blank	07/08/25
BG50435-DUP1	Duplicate	07/08/25
BG50435-MS1	Matrix Spike	07/08/25
BG50435-SRM1	Reference	07/08/25

Batch ID: BG50471 **Preparation Method** EPA 1633 Prep **Prepared By:** JBG

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-04	PCI-B-08-0.0-0.17	07/08/25
25G0333-05	PCI-B-08-0.17-1.0	07/08/25
25G0333-06	PCI-B-08-1.0-2.0	07/08/25
25G0333-08	PCI-B-03-0.0-0.17	07/08/25
25G0333-09	PCI-B-03-0.17-1.0	07/08/25

25G0333-10	PCI-B-03-1.0-2.0	07/08/25
25G0333-11	PCI-B-03-10.0-12.0	07/08/25
25G0333-12	PCI-B-05-0.0-0.17	07/08/25
25G0333-13	PCI-B-05-0.17-1.0	07/08/25
25G0333-14	PCI-B-05-1.0-2.0	07/08/25
25G0333-16	PCI-B-12-0.0-0.17	07/08/25
25G0333-17	PCI-B-12-0.17-1.0	07/08/25
25G0333-18	PCI-B-12-1.0-2.0	07/08/25
25G0333-20	PCI-B-11-0.0-0.17	07/08/25
25G0333-21	PCI-B-11-0.17-1.0	07/08/25
25G0333-22	PCI-B-11-1.0-2.0	07/08/25
25G0333-24	PCI-B-07-0.0-0.17	07/08/25
25G0333-25	PCI-B-07-0.17-1.0	07/08/25
25G0333-26	PCI-B-07-1.0-2.0	07/08/25
BG50471-BLK1	Blank	07/08/25
BG50471-BS1	LCS	07/08/25
BG50471-BS2	LCS	07/08/25
BG50471-MS1	Matrix Spike	07/08/25
BG50471-MSD1	Matrix Spike Dup	07/08/25

Batch ID: BG50487 **Preparation Method** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-07	PCI-B-08-10.0-12.0	07/08/25
25G0333-11	PCI-B-03-10.0-12.0	07/08/25
25G0333-27	PCI-B-07-7.0-9.5	07/08/25
25G0333-39	PCI-B-14-6.0-8.0	07/08/25
25G0333-43	PCI-B-26-4.0-6.0	07/08/25
25G0333-44	PCI-FD01-250702	07/08/25
BG50487-BLK1	Blank	07/08/25
BG50487-DUP1	Duplicate	07/08/25
BG50487-MS1	Matrix Spike	07/08/25
BG50487-PS1	Post Spike	07/08/25
BG50487-SRM1	Reference	07/08/25

Batch ID: BG50520 **Preparation Method** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-07	PCI-B-08-10.0-12.0	07/09/25
25G0333-11	PCI-B-03-10.0-12.0	07/09/25
25G0333-27	PCI-B-07-7.0-9.5	07/09/25
25G0333-39	PCI-B-14-6.0-8.0	07/09/25
25G0333-43	PCI-B-26-4.0-6.0	07/09/25
25G0333-44	PCI-FD01-250702	07/09/25
25G0333-50	PCI-B-1-4.0-5.0	07/09/25
BG50520-DUP1	Duplicate	07/09/25

Batch ID: BG50534 **Preparation Method** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date

25G0333-01	PCI-EB01-250702	07/09/25
BG50534-BLK1	Blank	07/09/25
BG50534-BLK2	Blank	07/09/25
BG50534-BS1	LCS	07/09/25
BG50534-BS2	LCS	07/09/25

Batch ID: BG50539 **Preparation Method** EPA 3015A **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-01	PCI-EB01-250702	07/09/25
BG50539-BLK1	Blank	07/09/25
BG50539-BS1	LCS	07/09/25

Batch ID: BG50542 **Preparation Method** EPA 3510C **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-01	PCI-EB01-250702	07/09/25
25G0333-01	PCI-EB01-250702	07/09/25
BG50542-BLK1	Blank	07/09/25
BG50542-BS1	LCS	07/09/25
BG50542-BSD1	LCS Dup	07/09/25

Batch ID: BG50544 **Preparation Method** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-01	PCI-EB01-250702	07/09/25
BG50544-BLK2	Blank	07/09/25
BG50544-BS2	LCS	07/09/25

Batch ID: BG50545 **Preparation Method** EPA SW846-3510C Low Level **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-01	PCI-EB01-250702	07/09/25
BG50545-BLK1	Blank	07/09/25
BG50545-BS2	LCS	07/09/25

Batch ID: BG50546 **Preparation Method** EPA SW846-3510C Low Level **Prepared By:** NERP

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-01	PCI-EB01-250702	07/09/25
BG50546-BLK1	Blank	07/09/25
BG50546-BS1	LCS	07/09/25
BG50546-BSD1	LCS Dup	07/09/25

Batch ID: BG50576 **Preparation Method** EPA 3550C **Prepared By:** FA

YORK Sample ID	Client Sample ID	Preparation Date

25G0333-07	PCI-B-08-10.0-12.0	07/09/25
25G0333-11	PCI-B-03-10.0-12.0	07/09/25
BG50576-BLK2	Blank	07/09/25
BG50576-BS2	LCS	07/09/25
BG50576-MS2	Matrix Spike	07/09/25
BG50576-MSD2	Matrix Spike Dup	07/09/25

Batch ID: BG50578 **Preparation Method** EPA 3550C **Prepared By:** FA

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-07	PCI-B-08-10.0-12.0	07/09/25
25G0333-11	PCI-B-03-10.0-12.0	07/09/25
BG50578-BLK1	Blank	07/09/25
BG50578-BS1	LCS	07/09/25
BG50578-MS1	Matrix Spike	07/09/25
BG50578-MSD1	Matrix Spike Dup	07/09/25

Batch ID: BG50582 **Preparation Method** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-27	PCI-B-07-7.0-9.5	07/09/25
25G0333-28	PCI-B-22-0.0-0.17	07/09/25
25G0333-29	PCI-B-22-0.17-1.0	07/09/25
25G0333-30	PCI-B-22-1.0-2.0	07/09/25
25G0333-32	PCI-B-19-0.0-0.17	07/09/25
25G0333-33	PCI-B-19-0.17-1.0	07/09/25
25G0333-34	PCI-B-19-1.0-2.0	07/09/25
BG50582-BLK1	Blank	07/09/25
BG50582-BS1	LCS	07/09/25
BG50582-BS2	LCS	07/09/25
BG50582-MS2	Matrix Spike	07/09/25
BG50582-MS3	Matrix Spike	07/09/25
BG50582-MSD2	Matrix Spike Dup	07/09/25
BG50582-MSD3	Matrix Spike Dup	07/09/25

Batch ID: BG50597 **Preparation Method** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-50	PCI-B-1-4.0-5.0	07/09/25
BG50597-BLK1	Blank	07/09/25
BG50597-SRM1	Reference	07/09/25

Batch ID: BG50601 **Preparation Method** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-07	PCI-B-08-10.0-12.0	07/09/25
25G0333-27	PCI-B-07-7.0-9.5	07/09/25
25G0333-39	PCI-B-14-6.0-8.0	07/09/25
25G0333-43	PCI-B-26-4.0-6.0	07/09/25

25G0333-44	PCI-FD01-250702	07/09/25
25G0333-50	PCI-B-1-4.0-5.0	07/09/25
BG50601-BLK1	Blank	07/09/25
BG50601-SRM1	Reference	07/09/25

Batch ID: BG50618 **Preparation Method** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-04	PCI-B-08-0.0-0.17	07/09/25
25G0333-05	PCI-B-08-0.17-1.0	07/09/25
25G0333-06	PCI-B-08-1.0-2.0	07/09/25
25G0333-08	PCI-B-03-0.0-0.17	07/09/25
25G0333-09	PCI-B-03-0.17-1.0	07/09/25
25G0333-10	PCI-B-03-1.0-2.0	07/09/25
25G0333-12	PCI-B-05-0.0-0.17	07/09/25
25G0333-13	PCI-B-05-0.17-1.0	07/09/25
25G0333-14	PCI-B-05-1.0-2.0	07/09/25
25G0333-16	PCI-B-12-0.0-0.17	07/09/25
25G0333-17	PCI-B-12-0.17-1.0	07/09/25
25G0333-18	PCI-B-12-1.0-2.0	07/09/25
25G0333-20	PCI-B-11-0.0-0.17	07/09/25
25G0333-21	PCI-B-11-0.17-1.0	07/09/25
25G0333-22	PCI-B-11-1.0-2.0	07/09/25
25G0333-24	PCI-B-07-0.0-0.17	07/09/25
25G0333-25	PCI-B-07-0.17-1.0	07/09/25
25G0333-26	PCI-B-07-1.0-2.0	07/09/25
BG50618-DUP1	Duplicate	07/09/25

Batch ID: BG50619 **Preparation Method** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-28	PCI-B-22-0.0-0.17	07/09/25
25G0333-29	PCI-B-22-0.17-1.0	07/09/25
25G0333-30	PCI-B-22-1.0-2.0	07/09/25
25G0333-32	PCI-B-19-0.0-0.17	07/09/25
25G0333-33	PCI-B-19-0.17-1.0	07/09/25
25G0333-34	PCI-B-19-1.0-2.0	07/09/25
25G0333-36	PCI-B-14-0.0-0.17	07/09/25
25G0333-37	PCI-B-14-0.17-1.0	07/09/25
25G0333-38	PCI-B-14-1.0-2.0	07/09/25
25G0333-40	PCI-B-26-0.0-0.17	07/09/25
25G0333-41	PCI-B-26-0.17-1.0	07/09/25
25G0333-42	PCI-B-26-1.0-2.0	07/09/25
25G0333-45	PCI-MC01-250703	07/09/25
25G0333-47	PCI-B-1-0.0-0.17	07/09/25
25G0333-48	PCI-B-1-0.17-1.0	07/09/25
25G0333-49	PCI-B-1-1.0-2.0	07/09/25
25G0333-51	PCI-FD02-250702	07/09/25
25G0333-52	PCI-FD03-250702	07/09/25
BG50619-DUP1	Duplicate	07/09/25

Batch ID: BG50620 **Preparation Method** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-53	PCI-B-02_0.0-0.17	07/09/25
25G0333-54	PCI-B-02_0.17-1.0	07/09/25
25G0333-55	PCI-B-02_1.0-2.0	07/09/25

Batch ID: BG50656 **Preparation Method** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-23	PCI-B-11-6.0-7.5	07/10/25

Batch ID: BG50688 **Preparation Method** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-07	PCI-B-08-10.0-12.0	07/10/25
25G0333-11	PCI-B-03-10.0-12.0	07/10/25
25G0333-27	PCI-B-07-7.0-9.5	07/10/25
25G0333-39	PCI-B-14-6.0-8.0	07/10/25
25G0333-43	PCI-B-26-4.0-6.0	07/10/25
25G0333-44	PCI-FD01-250702	07/10/25
25G0333-50	PCI-B-1-4.0-5.0	07/10/25
BG50688-BLK1	Blank	07/10/25
BG50688-BS1	LCS	07/10/25
BG50688-MS1	Matrix Spike	07/10/25
BG50688-MSD1	Matrix Spike Dup	07/10/25

Batch ID: BG50717 **Preparation Method** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-01	PCI-EB01-250702	07/10/25
BG50717-BLK1	Blank	07/10/25
BG50717-BS1	LCS	07/10/25

Batch ID: BG50719 **Preparation Method** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-11	PCI-B-03-10.0-12.0	07/10/25
BG50719-BLK1	Blank	07/10/25
BG50719-DUP1	Duplicate	07/10/25
BG50719-MS1	Matrix Spike	07/10/25
BG50719-MSD1	Matrix Spike Dup	07/10/25
BG50719-SRM1	Reference	07/10/25

Batch ID: BG50798 **Preparation Method** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-36	PCI-B-14-0.0-0.17	07/11/25
25G0333-37	PCI-B-14-0.17-1.0	07/11/25
25G0333-38	PCI-B-14-1.0-2.0	07/11/25
25G0333-39	PCI-B-14-6.0-8.0	07/11/25
25G0333-40	PCI-B-26-0.0-0.17	07/11/25
25G0333-41	PCI-B-26-0.17-1.0	07/11/25
25G0333-42	PCI-B-26-1.0-2.0	07/11/25
25G0333-43	PCI-B-26-4.0-6.0	07/11/25
25G0333-44	PCI-FD01-250702	07/11/25
25G0333-45	PCI-MC01-250703	07/11/25
25G0333-47	PCI-B-1-0.0-0.17	07/11/25
25G0333-48	PCI-B-1-0.17-1.0	07/11/25
25G0333-49	PCI-B-1-1.0-2.0	07/11/25
25G0333-51	PCI-FD02-250702	07/11/25
25G0333-52	PCI-FD03-250702	07/11/25
BG50798-BLK1	Blank	07/11/25
BG50798-BS1	LCS	07/11/25
BG50798-BS2	LCS	07/11/25

Batch ID: BG50831 **Preparation Method** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-01	PCI-EB01-250702	07/11/25
25G0333-03	PCI-TB01-250702	07/11/25
BG50831-BLK1	Blank	07/11/25
BG50831-BS1	LCS	07/11/25
BG50831-BSD1	LCS Dup	07/11/25

Batch ID: BG50848 **Preparation Method** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-01	PCI-EB01-250702	07/12/25
25G0333-02	PCI-EB02-250702	07/12/25
BG50848-BLK1	Blank	07/12/25
BG50848-BS1	LCS	07/12/25
BG50848-BS2	LCS	07/12/25
BG50848-DUP1	Duplicate	07/12/25

Batch ID: BG50853 **Preparation Method** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-53	PCI-B-02_0.0-0.17	07/13/25
25G0333-54	PCI-B-02_0.17-1.0	07/13/25
25G0333-55	PCI-B-02_1.0-2.0	07/13/25
BG50853-BLK1	Blank	07/13/25
BG50853-BS1	LCS	07/13/25
BG50853-BS2	LCS	07/13/25

Batch ID: BG50856 **Preparation Method** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25G0333-46	PCI-RB01-250703	07/13/25
BG50856-BLK1	Blank	07/13/25
BG50856-BS1	LCS	07/13/25
BG50856-BS2	LCS	07/13/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50378 - EPA 5035A											
Blank (BG50378-BLK1)											Prepared & Analyzed: 07/07/2025
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50378 - EPA 5035A											
Blank (BG50378-BLK1)											Prepared & Analyzed: 07/07/2025
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.025	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*ug/L*	*50.0*		*99.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.1*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50378 - EPA 5035A											
LCS (BG50378-BS1)								Prepared & Analyzed: 07/07/2025			
1,1,1,2-Tetrachloroethane	48.1		ug/L	50.0		96.1	75-129				
1,1,1-Trichloroethane	53.2		"	50.0		106	71-137				
1,1,2,2-Tetrachloroethane	46.5		"	50.0		93.0	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.0		"	50.0		87.9	58-146				
1,1,2-Trichloroethane	45.6		"	50.0		91.3	83-123				
1,1-Dichloroethane	47.9		"	50.0		95.8	75-130				
1,1-Dichloroethylene	40.8		"	50.0		81.6	64-137				
1,1-Dichloropropylene	47.0		"	50.0		93.9	77-127				
1,2,3-Trichlorobenzene	48.8		"	50.0		97.5	81-140				
1,2,3-Trichloropropane	47.1		"	50.0		94.3	81-126				
1,2,4-Trichlorobenzene	54.3		"	50.0		109	80-141				
1,2,4-Trimethylbenzene	46.4		"	50.0		92.9	84-125				
1,2-Dibromo-3-chloropropane	42.7		"	50.0		85.4	74-142				
1,2-Dibromoethane	47.9		"	50.0		95.7	86-123				
1,2-Dichlorobenzene	47.6		"	50.0		95.3	85-122				
1,2-Dichloroethane	47.1		"	50.0		94.2	71-133				
1,2-Dichloropropane	45.0		"	50.0		90.0	81-122				
1,3,5-Trimethylbenzene	48.0		"	50.0		95.9	82-126				
1,3-Dichlorobenzene	50.0		"	50.0		100	84-124				
1,3-Dichloropropane	44.8		"	50.0		89.6	83-123				
1,4-Dichlorobenzene	47.2		"	50.0		94.3	84-124				
1,4-Dioxane	982		"	1050		93.5	10-228				
2,2-Dichloropropane	52.3		"	50.0		105	67-136				
2-Butanone	54.2		"	50.0		108	58-147				
2-Chlorotoluene	45.9		"	50.0		91.7	78-127				
2-Hexanone	48.2		"	50.0		96.4	70-139				
4-Chlorotoluene	46.8		"	50.0		93.5	79-125				
4-Methyl-2-pentanone	47.6		"	50.0		95.3	72-132				
Acetone	45.2		"	50.0		90.4	36-155				
Acrolein	54.6		"	50.0		109	10-238				
Acrylonitrile	41.0		"	50.0		82.0	66-141				
Benzene	48.6		"	50.0		97.1	77-127				
Bromobenzene	44.8		"	50.0		89.6	77-129				
Bromochloromethane	47.7		"	50.0		95.3	74-129				
Bromodichloromethane	45.2		"	50.0		90.4	81-124				
Bromoform	49.1		"	50.0		98.1	80-136				
Bromomethane	32.0		"	50.0		64.0	32-177				
Carbon disulfide	39.5		"	50.0		78.9	10-136				
Carbon tetrachloride	51.5		"	50.0		103	66-143				
Chlorobenzene	47.1		"	50.0		94.1	86-120				
Chloroethane	39.0		"	50.0		77.9	51-142				
Chloroform	48.9		"	50.0		97.8	76-131				
Chloromethane	33.8		"	50.0		67.6	49-132				
cis-1,2-Dichloroethylene	48.4		"	50.0		96.8	74-132				
cis-1,3-Dichloropropylene	46.2		"	50.0		92.3	81-129				
Cyclohexane	50.8		"	50.0		102	70-130				
Dibromochloromethane	49.7		"	50.0		99.5	10-200				
Dibromomethane	44.8		"	50.0		89.6	83-124				
Dichlorodifluoromethane	33.6		"	50.0		67.2	28-158				
Ethyl Benzene	49.3		"	50.0		98.6	84-125				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50378 - EPA 5035A											
LCS (BG50378-BS1)								Prepared & Analyzed: 07/07/2025			
Hexachlorobutadiene	53.6		ug/L	50.0		107	83-133				
Isopropylbenzene	49.7		"	50.0		99.4	81-127				
Methyl acetate	44.3		"	50.0		88.5	41-143				
Methyl tert-butyl ether (MTBE)	42.6		"	50.0		85.1	74-131				
Methylcyclohexane	48.0		"	50.0		95.9	70-130				
Methylene chloride	40.9		"	50.0		81.7	57-141				
n-Butylbenzene	45.8		"	50.0		91.7	80-130				
n-Propylbenzene	46.9		"	50.0		93.8	74-136				
o-Xylene	50.5		"	50.0		101	83-123				
p- & m- Xylenes	91.0		"	100		91.0	82-128				
p-Isopropyltoluene	47.9		"	50.0		95.8	85-125				
sec-Butylbenzene	47.9		"	50.0		95.9	83-125				
Styrene	49.3		"	50.0		98.6	86-126				
tert-Butyl alcohol (TBA)	221		"	250		88.5	70-130				
tert-Butylbenzene	48.8		"	50.0		97.5	80-127				
Tetrachloroethylene	49.5		"	50.0		99.0	80-129				
Toluene	45.5		"	50.0		91.1	85-121				
trans-1,2-Dichloroethylene	41.0		"	50.0		82.0	72-132				
trans-1,3-Dichloropropylene	44.1		"	50.0		88.2	78-132				
Trichloroethylene	46.1		"	50.0		92.1	84-123				
Trichlorofluoromethane	40.8		"	50.0		81.7	62-140				
Vinyl acetate	42.8		"	50.0		85.6	67-136				
Vinyl Chloride	34.1		"	50.0		68.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.6*		*"*	*50.0*		*95.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BG50378-BSD1)								Prepared & Analyzed: 07/07/2025			
1,1,1,2-Tetrachloroethane	47.5		ug/L	50.0		95.0	75-129		1.21	30	
1,1,1-Trichloroethane	52.9		"	50.0		106	71-137		0.584	30	
1,1,2,2-Tetrachloroethane	43.3		"	50.0		86.7	79-129		7.04	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.5		"	50.0		93.0	58-146		5.66	30	
1,1,2-Trichloroethane	43.8		"	50.0		87.5	83-123		4.21	30	
1,1-Dichloroethane	49.6		"	50.0		99.3	75-130		3.63	30	
1,1-Dichloroethylene	44.0		"	50.0		88.0	64-137		7.50	30	
1,1-Dichloropropylene	46.8		"	50.0		93.6	77-127		0.363	30	
1,2,3-Trichlorobenzene	46.4		"	50.0		92.7	81-140		5.05	30	
1,2,3-Trichloropropane	44.0		"	50.0		88.0	81-126		6.91	30	
1,2,4-Trichlorobenzene	51.8		"	50.0		104	80-141		4.62	30	
1,2,4-Trimethylbenzene	46.2		"	50.0		92.4	84-125		0.540	30	
1,2-Dibromo-3-chloropropane	38.2		"	50.0		76.3	74-142		11.3	30	
1,2-Dibromoethane	46.2		"	50.0		92.3	86-123		3.59	30	
1,2-Dichlorobenzene	46.9		"	50.0		93.8	85-122		1.52	30	
1,2-Dichloroethane	45.9		"	50.0		91.8	71-133		2.65	30	
1,2-Dichloropropane	44.2		"	50.0		88.5	81-122		1.70	30	
1,3,5-Trimethylbenzene	48.0		"	50.0		95.9	82-126		0.0208	30	
1,3-Dichlorobenzene	49.8		"	50.0		99.7	84-124		0.420	30	
1,3-Dichloropropane	43.2		"	50.0		86.4	83-123		3.61	30	
1,4-Dichlorobenzene	46.5		"	50.0		93.0	84-124		1.35	30	
1,4-Dioxane	898		"	1050		85.5	10-228		8.97	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50378 - EPA 5035A											
LCS Dup (BG50378-BSD1)								Prepared & Analyzed: 07/07/2025			
2,2-Dichloropropane	50.9		ug/L	50.0		102	67-136		2.69	30	
2-Butanone	48.7		"	50.0		97.5	58-147		10.6	30	
2-Chlorotoluene	45.7		"	50.0		91.4	78-127		0.349	30	
2-Hexanone	44.2		"	50.0		88.5	70-139		8.55	30	
4-Chlorotoluene	46.7		"	50.0		93.3	79-125		0.193	30	
4-Methyl-2-pentanone	43.7		"	50.0		87.3	72-132		8.67	30	
Acetone	43.0		"	50.0		86.1	36-155		4.92	30	
Acrolein	53.1		"	50.0		106	10-238		2.80	30	
Acrylonitrile	41.0		"	50.0		82.0	66-141		0.0244	30	
Benzene	48.0		"	50.0		96.1	77-127		1.04	30	
Bromobenzene	44.0		"	50.0		87.9	77-129		1.94	30	
Bromochloromethane	46.4		"	50.0		92.8	74-129		2.66	30	
Bromodichloromethane	44.8		"	50.0		89.6	81-124		0.978	30	
Bromoform	46.4		"	50.0		92.7	80-136		5.68	30	
Bromomethane	31.6		"	50.0		63.3	32-177		1.16	30	
Carbon disulfide	42.0		"	50.0		84.0	10-136		6.24	30	
Carbon tetrachloride	51.1		"	50.0		102	66-143		0.761	30	
Chlorobenzene	47.0		"	50.0		94.1	86-120		0.0850	30	
Chloroethane	38.9		"	50.0		77.9	51-142		0.0514	30	
Chloroform	48.1		"	50.0		96.2	76-131		1.61	30	
Chloromethane	33.3		"	50.0		66.6	49-132		1.46	30	
cis-1,2-Dichloroethylene	47.4		"	50.0		94.9	74-132		2.02	30	
cis-1,3-Dichloropropylene	45.1		"	50.0		90.2	81-129		2.30	30	
Cyclohexane	51.2		"	50.0		102	70-130		0.921	30	
Dibromochloromethane	48.5		"	50.0		96.9	10-200		2.59	30	
Dibromomethane	43.5		"	50.0		86.9	83-124		3.08	30	
Dichlorodifluoromethane	37.6		"	50.0		75.2	28-158		11.3	30	
Ethyl Benzene	49.2		"	50.0		98.4	84-125		0.203	30	
Hexachlorobutadiene	53.1		"	50.0		106	83-133		0.900	30	
Isopropylbenzene	49.6		"	50.0		99.2	81-127		0.242	30	
Methyl acetate	44.8		"	50.0		89.6	41-143		1.19	30	
Methyl tert-butyl ether (MTBE)	42.5		"	50.0		84.9	74-131		0.212	30	
Methylcyclohexane	48.2		"	50.0		96.3	70-130		0.416	30	
Methylene chloride	43.2		"	50.0		86.4	57-141		5.59	30	
n-Butylbenzene	45.7		"	50.0		91.5	80-130		0.218	30	
n-Propylbenzene	46.9		"	50.0		93.7	74-136		0.0640	30	
o-Xylene	50.3		"	50.0		101	83-123		0.476	30	
p- & m- Xylenes	91.1		"	100		91.1	82-128		0.198	30	
p-Isopropyltoluene	48.0		"	50.0		95.9	85-125		0.167	30	
sec-Butylbenzene	48.0		"	50.0		95.9	83-125		0.0626	30	
Styrene	48.6		"	50.0		97.3	86-126		1.29	30	
tert-Butyl alcohol (TBA)	209		"	250		83.4	70-130		5.90	30	
tert-Butylbenzene	48.7		"	50.0		97.4	80-127		0.103	30	
Tetrachloroethylene	49.1		"	50.0		98.2	80-129		0.751	30	
Toluene	46.0		"	50.0		91.9	85-121		0.896	30	
trans-1,2-Dichloroethylene	43.4		"	50.0		86.7	72-132		5.60	30	
trans-1,3-Dichloropropylene	42.7		"	50.0		85.5	78-132		3.18	30	
Trichloroethylene	46.5		"	50.0		92.9	84-123		0.865	30	
Trichlorofluoromethane	43.7		"	50.0		87.4	62-140		6.72	30	
Vinyl acetate	43.0		"	50.0		85.9	67-136		0.350	30	
Vinyl Chloride	34.1		"	50.0		68.2	52-130		0.117	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50378 - EPA 5035A											
LCS Dup (BG50378-BSD1)								Prepared & Analyzed: 07/07/2025			
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.1*		*ug/L*	*50.0*		*96.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				
Matrix Spike (BG50378-MS1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)							Prepared: 07/07/2025 Analyzed: 07/08/2025			
1,1,1,2-Tetrachloroethane	41.1		ug/L	50.0	0.00	82.3	15-161				
1,1,1-Trichloroethane	44.8		"	50.0	0.00	89.7	42-145				
1,1,2,2-Tetrachloroethane	40.4		"	50.0	0.00	80.9	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.7		"	50.0	0.00	85.4	11-160				
1,1,2-Trichloroethane	39.1		"	50.0	0.00	78.2	44-145				
1,1-Dichloroethane	41.5		"	50.0	0.00	83.0	46-142				
1,1-Dichloroethylene	40.8		"	50.0	0.00	81.5	30-153				
1,1-Dichloropropylene	39.7		"	50.0	0.00	79.5	40-133				
1,2,3-Trichlorobenzene	29.1		"	50.0	0.00	58.2	10-157				
1,2,3-Trichloropropane	40.8		"	50.0	0.00	81.5	38-155				
1,2,4-Trichlorobenzene	29.6		"	50.0	0.00	59.2	10-151				
1,2,4-Trimethylbenzene	37.9		"	50.0	0.00	75.7	10-170				
1,2-Dibromo-3-chloropropane	34.4		"	50.0	0.00	68.8	36-138				
1,2-Dibromoethane	38.0		"	50.0	0.00	75.9	40-142				
1,2-Dichlorobenzene	36.2		"	50.0	0.00	72.3	10-147				
1,2-Dichloroethane	40.7		"	50.0	0.00	81.5	48-133				
1,2-Dichloropropane	38.1		"	50.0	0.00	76.3	47-141				
1,3,5-Trimethylbenzene	40.2		"	50.0	0.00	80.4	10-150				
1,3-Dichlorobenzene	36.9		"	50.0	0.00	73.9	10-144				
1,3-Dichloropropane	37.9		"	50.0	0.00	75.8	43-142				
1,4-Dichlorobenzene	33.1		"	50.0	0.00	66.1	10-160				
1,4-Dioxane	1860		"	1050	0.00	177	10-191				
2,2-Dichloropropane	37.2		"	50.0	0.00	74.5	38-130				
2-Butanone	47.4		"	50.0	0.00	94.8	10-189				
2-Chlorotoluene	38.0		"	50.0	0.00	76.0	14-144				
2-Hexanone	39.1		"	50.0	0.00	78.2	10-181				
4-Chlorotoluene	36.4		"	50.0	0.00	72.7	15-138				
4-Methyl-2-pentanone	40.8		"	50.0	0.00	81.7	10-166				
Acetone	55.0		"	50.0	2.19	106	10-196				
Acrolein	28.0		"	50.0	0.00	56.0	10-192				
Acrylonitrile	38.3		"	50.0	0.00	76.7	13-161				
Benzene	41.1		"	50.0	0.00	82.1	43-139				
Bromobenzene	34.8		"	50.0	0.00	69.5	23-142				
Bromochloromethane	39.9		"	50.0	0.00	79.8	38-145				
Bromodichloromethane	38.4		"	50.0	0.00	76.8	38-147				
Bromoform	38.7		"	50.0	0.00	77.3	29-156				
Bromomethane	30.4		"	50.0	0.00	60.8	10-166				
Carbon disulfide	34.6		"	50.0	0.00	69.2	10-131				
Carbon tetrachloride	44.5		"	50.0	0.00	89.0	35-145				
Chlorobenzene	38.9		"	50.0	0.00	77.9	21-154				
Chloroethane	35.6		"	50.0	0.00	71.2	15-160				
Chloroform	41.7		"	50.0	0.00	83.3	47-142				
Chloromethane	27.8		"	50.0	0.00	55.6	10-159				
cis-1,2-Dichloroethylene	39.2		"	50.0	0.00	78.3	42-144				
cis-1,3-Dichloropropylene	34.7		"	50.0	0.00	69.4	18-159				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50378 - EPA 5035A											
Matrix Spike (BG50378-MS1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)								Prepared: 07/07/2025 Analyzed: 07/08/2025		
Cyclohexane	43.2		ug/L	50.0	0.00	86.4	70-130				
Dibromochloromethane	40.6		"	50.0	0.00	81.2	10-179				
Dibromomethane	37.1		"	50.0	0.00	74.3	47-143				
Dichlorodifluoromethane	38.7		"	50.0	0.00	77.4	10-145				
Ethyl Benzene	42.6		"	50.0	0.00	85.3	11-158				
Hexachlorobutadiene	43.8		"	50.0	0.00	87.5	10-158				
Isopropylbenzene	42.3		"	50.0	0.00	84.6	10-162				
Methyl acetate	46.7		"	50.0	0.00	93.3	10-149				
Methyl tert-butyl ether (MTBE)	35.2		"	50.0	0.00	70.5	42-152				
Methylcyclohexane	41.6		"	50.0	0.00	83.1	70-130				
Methylene chloride	38.0		"	50.0	0.00	76.0	28-151				
n-Butylbenzene	37.8		"	50.0	0.00	75.5	10-162				
n-Propylbenzene	39.7		"	50.0	0.00	79.3	10-155				
o-Xylene	43.3		"	50.0	0.00	86.6	10-158				
p- & m- Xylenes	78.0		"	100	0.00	78.0	10-156				
p-Isopropyltoluene	40.4		"	50.0	0.00	80.9	10-147				
sec-Butylbenzene	41.4		"	50.0	0.00	82.8	10-157				
Styrene	39.2		"	50.0	0.00	78.4	13-171				
tert-Butyl alcohol (TBA)	221		"	250	0.00	88.3	34-179				
tert-Butylbenzene	42.1		"	50.0	0.00	84.2	10-160				
Tetrachloroethylene	41.0		"	50.0	0.00	82.0	30-167				
Toluene	39.7		"	50.0	0.00	79.4	21-160				
trans-1,2-Dichloroethylene	36.4		"	50.0	0.00	72.8	29-153				
trans-1,3-Dichloropropylene	31.2		"	50.0	0.00	62.5	18-155				
Trichloroethylene	37.9		"	50.0	0.00	75.9	24-169				
Trichlorofluoromethane	39.1		"	50.0	0.00	78.2	35-142				
Vinyl acetate	24.6		"	50.0	0.00	49.2	10-119				
Vinyl Chloride	30.5		"	50.0	0.00	60.9	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		"	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.3*		"	*50.0*		*96.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		"	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

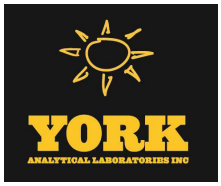
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50378 - EPA 5035A											
Matrix Spike Dup (BG50378-MSD1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)								Prepared: 07/07/2025 Analyzed: 07/08/2025		
1,1,1,2-Tetrachloroethane	46.4		ug/L	50.0	0.00	92.7	15-161		11.9	33	
1,1,1-Trichloroethane	49.4		"	50.0	0.00	98.7	42-145		9.59	30	
1,1,2,2-Tetrachloroethane	46.1		"	50.0	0.00	92.2	16-167		13.0	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.6		"	50.0	0.00	95.2	11-160		10.8	31	
1,1,2-Trichloroethane	43.9		"	50.0	0.00	87.8	44-145		11.5	40	
1,1-Dichloroethane	50.2		"	50.0	0.00	100	46-142		19.0	36	
1,1-Dichloroethylene	45.9		"	50.0	0.00	91.8	30-153		11.8	31	
1,1-Dichloropropylene	43.6		"	50.0	0.00	87.1	40-133		9.20	28	
1,2,3-Trichlorobenzene	36.5		"	50.0	0.00	73.1	10-157		22.6	47	
1,2,3-Trichloropropane	46.0		"	50.0	0.00	92.1	38-155		12.2	48	
1,2,4-Trichlorobenzene	37.0		"	50.0	0.00	74.0	10-151		22.2	52	
1,2,4-Trimethylbenzene	43.8		"	50.0	0.00	87.6	10-170		14.5	242	
1,2-Dibromo-3-chloropropane	40.0		"	50.0	0.00	79.9	36-138		14.9	54	
1,2-Dibromoethane	43.7		"	50.0	0.00	87.5	40-142		14.2	39	
1,2-Dichlorobenzene	42.2		"	50.0	0.00	84.4	10-147		15.4	52	
1,2-Dichloroethane	45.3		"	50.0	0.00	90.5	48-133		10.6	32	
1,2-Dichloropropane	44.4		"	50.0	0.00	88.7	47-141		15.1	37	
1,3,5-Trimethylbenzene	45.8		"	50.0	0.00	91.7	10-150		13.2	62	
1,3-Dichlorobenzene	43.5		"	50.0	0.00	87.0	10-144		16.4	51	
1,3-Dichloropropane	43.7		"	50.0	0.00	87.4	43-142		14.3	36	
1,4-Dichlorobenzene	38.9		"	50.0	0.00	77.8	10-160		16.3	52	
1,4-Dioxane	1240		"	1050	0.00	118	10-191		40.0	196	
2,2-Dichloropropane	42.2		"	50.0	0.00	84.4	38-130		12.5	31	
2-Butanone	46.3		"	50.0	0.00	92.6	10-189		2.41	67	
2-Chlorotoluene	44.4		"	50.0	0.00	88.7	14-144		15.4	49	
2-Hexanone	46.1		"	50.0	0.00	92.3	10-181		16.5	60	
4-Chlorotoluene	43.3		"	50.0	0.00	86.7	15-138		17.5	39	
4-Methyl-2-pentanone	47.2		"	50.0	0.00	94.5	10-166		14.6	47	
Acetone	48.0		"	50.0	2.40	91.3	10-196		13.6	150	
Acrolein	53.0		"	50.0	0.00	106	10-192		61.6	128	
Acrylonitrile	45.8		"	50.0	0.00	91.6	13-161		17.8	48	
Benzene	45.3		"	50.0	0.00	90.6	43-139		9.84	64	
Bromobenzene	41.8		"	50.0	0.00	83.5	23-142		18.3	44	
Bromochloromethane	45.6		"	50.0	0.00	91.2	38-145		13.3	30	
Bromodichloromethane	44.5		"	50.0	0.00	89.0	38-147		14.6	37	
Bromoform	44.1		"	50.0	0.00	88.2	29-156		13.1	51	
Bromomethane	33.0		"	50.0	0.00	66.0	10-166		8.21	42	
Carbon disulfide	40.7		"	50.0	0.00	81.5	10-131		16.2	36	
Carbon tetrachloride	48.2		"	50.0	0.00	96.4	35-145		8.00	31	
Chlorobenzene	44.2		"	50.0	0.00	88.4	21-154		12.7	32	
Chloroethane	39.4		"	50.0	0.00	78.8	15-160		10.1	40	
Chloroform	46.5		"	50.0	0.00	92.9	47-142		10.9	29	
Chloromethane	31.3		"	50.0	0.00	62.5	10-159		11.7	31	
cis-1,2-Dichloroethylene	44.3		"	50.0	0.00	88.6	42-144		12.3	30	
cis-1,3-Dichloropropylene	42.0		"	50.0	0.00	84.0	18-159		19.0	39	
Cyclohexane	47.1		"	50.0	0.00	94.3	70-130		8.75	30	
Dibromochloromethane	46.3		"	50.0	0.00	92.7	10-179		13.2	41	
Dibromomethane	43.0		"	50.0	0.00	85.9	47-143		14.6	41	
Dichlorodifluoromethane	43.4		"	50.0	0.00	86.8	10-145		11.5	34	
Ethyl Benzene	48.4		"	50.0	0.00	96.7	11-158		12.6	42	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50378 - EPA 5035A											
Matrix Spike Dup (BG50378-MSD1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)								Prepared: 07/07/2025 Analyzed: 07/08/2025		
Hexachlorobutadiene	47.0		ug/L	50.0	0.00	93.9	10-158		7.10	45	
Isopropylbenzene	47.5		"	50.0	0.00	95.1	10-162		11.6	57	
Methyl acetate	51.0		"	50.0	0.00	102	10-149		8.91	64	
Methyl tert-butyl ether (MTBE)	42.9		"	50.0	0.00	85.8	42-152		19.6	47	
Methylcyclohexane	46.0		"	50.0	0.00	91.9	70-130		10.0	30	
Methylene chloride	44.7		"	50.0	0.00	89.3	28-151		16.1	49	
n-Butylbenzene	43.7		"	50.0	0.00	87.5	10-162		14.6	96	
n-Propylbenzene	45.5		"	50.0	0.00	91.0	10-155		13.7	56	
o-Xylene	49.2		"	50.0	0.00	98.5	10-158		12.8	51	
p- & m- Xylenes	89.8		"	100	0.00	89.8	10-156		14.1	47	
p-Isopropyltoluene	45.2		"	50.0	0.00	90.4	10-147		11.1	60	
sec-Butylbenzene	46.4		"	50.0	0.00	92.9	10-157		11.5	56	
Styrene	45.5		"	50.0	0.00	91.1	13-171		15.0	39	
tert-Butyl alcohol (TBA)	235		"	250	0.00	94.2	34-179		6.43	35	
tert-Butylbenzene	46.8		"	50.0	0.00	93.6	10-160		10.6	79	
Tetrachloroethylene	43.9		"	50.0	0.00	87.8	30-167		6.83	33	
Toluene	44.9		"	50.0	0.00	89.9	21-160		12.3	50	
trans-1,2-Dichloroethylene	44.7		"	50.0	0.00	89.4	29-153		20.5	30	
trans-1,3-Dichloropropylene	38.5		"	50.0	0.00	76.9	18-155		20.7	30	
Trichloroethylene	43.1		"	50.0	0.00	86.2	24-169		12.7	30	
Trichlorofluoromethane	43.2		"	50.0	0.00	86.4	35-142		9.99	30	
Vinyl acetate	36.6		"	50.0	0.00	73.1	10-119		39.0	82	
Vinyl Chloride	33.2		"	50.0	0.00	66.4	12-160		8.64	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.4*		"	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.4*		"	*50.0*		*98.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.1*		"	*50.0*		*104*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50831 - EPA 5030B											
Blank (BG50831-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	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	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
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	"								

Prepared & Analyzed: 07/11/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

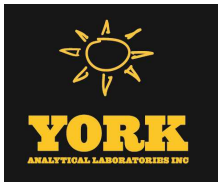
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50831 - EPA 5030B											
Blank (BG50831-BLK1)								Prepared & Analyzed: 07/11/2025			
Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	1.48	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-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	*10.4*		*"*	*10.0*		*104*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.78*		*"*	*10.0*		*97.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*79-122*				
LCS (BG50831-BS1)								Prepared & Analyzed: 07/11/2025			
1,1,1,2-Tetrachloroethane	8.47		ug/L	10.0		84.7	82-126				
1,1,1-Trichloroethane	8.63		"	10.0		86.3	78-130				
1,1,2,2-Tetrachloroethane	9.19		"	10.0		91.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.11		"	10.0		81.1	70-130				
1,1,2-Trichloroethane	8.91		"	10.0		89.1	82-123				
1,1-Dichloroethane	8.74		"	10.0		87.4	82-129				
1,1-Dichloroethylene	7.67		"	10.0		76.7	70-130				
1,2,3-Trichlorobenzene	7.17		"	10.0		71.7	76-130	Low Bias			
1,2,3-Trichloropropane	8.83		"	10.0		88.3	77-128				
1,2,4-Trichlorobenzene	7.35		"	10.0		73.5	76-130	Low Bias			
1,2,4-Trimethylbenzene	8.55		"	10.0		85.5	82-132				
1,2-Dibromo-3-chloropropane	8.06		"	10.0		80.6	45-147				
1,2-Dibromoethane	9.16		"	10.0		91.6	83-124				
1,2-Dichlorobenzene	8.25		"	10.0		82.5	79-123				
1,2-Dichloroethane	9.01		"	10.0		90.1	73-130				
1,2-Dichloropropane	8.63		"	10.0		86.3	78-126				
1,3,5-Trimethylbenzene	8.43		"	10.0		84.3	80-131				
1,3-Dichlorobenzene	8.21		"	10.0		82.1	86-122	Low Bias			
1,3-Dichloropropane	8.62		"	10.0		86.2	81-125				
1,4-Dichlorobenzene	8.30		"	10.0		83.0	85-124	Low Bias			
1,4-Dioxane	193		"	210		91.7	40-160				
2-Butanone	8.70		"	10.0		87.0	49-152				
2-Hexanone	8.43		"	10.0		84.3	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50831 - EPA 5030B											
LCS (BG50831-BS1)								Prepared & Analyzed: 07/11/2025			
4-Methyl-2-pentanone	9.33		ug/L	10.0		93.3	57-145				
Acetone	7.38		"	10.0		73.8	40-150				
Acrolein	8.34		"	10.0		83.4	10-153				
Acrylonitrile	9.86		"	10.0		98.6	51-150				
Benzene	9.28		"	10.0		92.8	85-126				
Bromochloromethane	9.05		"	10.0		90.5	77-128				
Bromodichloromethane	8.36		"	10.0		83.6	79-128				
Bromoform	8.65		"	10.0		86.5	78-130				
Bromomethane	1.80		"	10.0		18.0	43-160	Low Bias			
Carbon disulfide	7.86		"	10.0		78.6	68-146				
Carbon tetrachloride	8.59		"	10.0		85.9	77-130				
Chlorobenzene	8.91		"	10.0		89.1	88-120				
Chloroethane	7.41		"	10.0		74.1	65-136				
Chloroform	9.05		"	10.0		90.5	82-128				
Chloromethane	3.99		"	10.0		39.9	43-155	Low Bias			
cis-1,2-Dichloroethylene	8.77		"	10.0		87.7	83-129				
cis-1,3-Dichloropropylene	8.38		"	10.0		83.8	80-130				
Cyclohexane	8.21		"	10.0		82.1	70-130				
Dibromochloromethane	9.04		"	10.0		90.4	80-130				
Dibromomethane	8.84		"	10.0		88.4	72-134				
Dichlorodifluoromethane	3.24		"	10.0		32.4	44-144	Low Bias			
Ethyl Benzene	9.13		"	10.0		91.3	80-130				
Hexachlorobutadiene	6.91		"	10.0		69.1	67-146				
Isopropylbenzene	8.46		"	10.0		84.6	76-130				
Methyl acetate	7.65		"	10.0		76.5	70-130				
Methyl tert-butyl ether (MTBE)	9.24		"	10.0		92.4	76-130				
Methylcyclohexane	7.95		"	10.0		79.5	72-130				
Methylene chloride	11.6		"	10.0		116	70-130				
Naphthalene	8.38		"	10.0		83.8	70-147				
n-Butylbenzene	7.84		"	10.0		78.4	79-132	Low Bias			
n-Propylbenzene	8.45		"	10.0		84.5	78-133				
o-Xylene	9.11		"	10.0		91.1	78-130				
p- & m- Xylenes	18.7		"	20.0		93.4	77-130				
p-Diethylbenzene	8.13		"	10.0		81.3	84-134	Low Bias			
p-Ethyltoluene	9.01		"	10.0		90.1	88-129				
p-Isopropyltoluene	7.98		"	10.0		79.8	81-136	Low Bias			
sec-Butylbenzene	8.07		"	10.0		80.7	79-137				
Styrene	8.86		"	10.0		88.6	70-130				
tert-Butyl alcohol (TBA)	50.0		"	50.0		100	25-162				
tert-Butylbenzene	8.05		"	10.0		80.5	77-138				
Tetrachloroethylene	5.65		"	10.0		56.5	82-130	Low Bias			
Toluene	9.02		"	10.0		90.2	80-127				
trans-1,2-Dichloroethylene	8.55		"	10.0		85.5	80-130				
trans-1,3-Dichloropropylene	8.21		"	10.0		82.1	78-130				
Trichloroethylene	8.00		"	10.0		80.0	82-128	Low Bias			
Trichlorofluoromethane	7.53		"	10.0		75.3	67-139				
Vinyl Chloride	5.39		"	10.0		53.9	70-130	Low Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50831 - EPA 5030B											
LCS Dup (BG50831-BSD1)								Prepared & Analyzed: 07/11/2025			
1,1,1,2-Tetrachloroethane	9.54		ug/L	10.0		95.4	82-126		11.9	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	78-130		22.3	20	Non-dir.
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129		9.73	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	70-130		37.5	20	Non-dir.
1,1,2-Trichloroethane	9.82		"	10.0		98.2	82-123		9.72	20	
1,1-Dichloroethane	10.4		"	10.0		104	82-129		17.0	20	
1,1-Dichloroethylene	10.8		"	10.0		108	70-130		34.3	20	Non-dir.
1,2,3-Trichlorobenzene	7.88		"	10.0		78.8	76-130		9.44	20	
1,2,3-Trichloropropane	9.59		"	10.0		95.9	77-128		8.25	30	
1,2,4-Trichlorobenzene	8.21		"	10.0		82.1	76-130		11.1	20	
1,2,4-Trimethylbenzene	9.77		"	10.0		97.7	82-132		13.3	20	
1,2-Dibromo-3-chloropropane	8.79		"	10.0		87.9	45-147		8.66	20	
1,2-Dibromoethane	10.0		"	10.0		100	83-124		8.87	20	
1,2-Dichlorobenzene	9.25		"	10.0		92.5	79-123		11.4	20	
1,2-Dichloroethane	10.1		"	10.0		101	73-130		11.3	20	
1,2-Dichloropropane	9.58		"	10.0		95.8	78-126		10.4	20	
1,3,5-Trimethylbenzene	9.74		"	10.0		97.4	80-131		14.4	30	
1,3-Dichlorobenzene	9.29		"	10.0		92.9	86-122		12.3	20	
1,3-Dichloropropane	9.48		"	10.0		94.8	81-125		9.50	30	
1,4-Dichlorobenzene	9.27		"	10.0		92.7	85-124		11.0	20	
1,4-Dioxane	46.9		"	210		22.4	40-160	Low Bias	122	20	Non-dir.
2-Butanone	9.73		"	10.0		97.3	49-152		11.2	20	
2-Hexanone	9.21		"	10.0		92.1	51-146		8.84	20	
4-Methyl-2-pentanone	10.1		"	10.0		101	57-145		8.12	20	
Acetone	8.45		"	10.0		84.5	40-150		13.5	20	
Acrolein	7.77		"	10.0		77.7	10-153		7.08	30	
Acrylonitrile	10.8		"	10.0		108	51-150		8.73	30	
Benzene	10.9		"	10.0		109	85-126		15.8	20	
Bromochloromethane	10.3		"	10.0		103	77-128		12.5	20	
Bromodichloromethane	9.39		"	10.0		93.9	79-128		11.6	20	
Bromoform	9.43		"	10.0		94.3	78-130		8.63	20	
Bromomethane	2.90		"	10.0		29.0	43-160	Low Bias	46.8	20	Non-dir.
Carbon disulfide	11.5		"	10.0		115	68-146		37.9	20	Non-dir.
Carbon tetrachloride	11.1		"	10.0		111	77-130		25.8	20	Non-dir.
Chlorobenzene	10.1		"	10.0		101	88-120		12.2	20	
Chloroethane	11.3		"	10.0		113	65-136		41.7	20	Non-dir.
Chloroform	10.3		"	10.0		103	82-128		13.3	20	
Chloromethane	8.91		"	10.0		89.1	43-155		76.3	20	Non-dir.
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		15.8	20	
cis-1,3-Dichloropropylene	9.42		"	10.0		94.2	80-130		11.7	20	
Cyclohexane	11.5		"	10.0		115	70-130		33.7	20	Non-dir.
Dibromochloromethane	9.98		"	10.0		99.8	80-130		9.88	20	
Dibromomethane	9.79		"	10.0		97.9	72-134		10.2	30	
Dichlorodifluoromethane	15.8		"	10.0		158	44-144	High Bias	132	20	Non-dir.
Ethyl Benzene	10.6		"	10.0		106	80-130		14.5	20	
Hexachlorobutadiene	7.78		"	10.0		77.8	67-146		11.8	30	
Isopropylbenzene	10.0		"	10.0		100	76-130		17.0	20	
Methyl acetate	11.2		"	10.0		112	70-130		38.1	20	Non-dir.
Methyl tert-butyl ether (MTBE)	9.99		"	10.0		99.9	76-130		7.80	20	
Methylcyclohexane	10.8		"	10.0		108	72-130		29.9	20	Non-dir.

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50831 - EPA 5030B											
LCS Dup (BG50831-BSD1)								Prepared & Analyzed: 07/11/2025			
Methylene chloride	13.4		ug/L	10.0		134	70-130	High Bias	14.0	20	
Naphthalene	9.05		"	10.0		90.5	70-147		7.69	30	
n-Butylbenzene	9.05		"	10.0		90.5	79-132		14.3	30	
n-Propylbenzene	9.90		"	10.0		99.0	78-133		15.8	30	
o-Xylene	10.3		"	10.0		103	78-130		12.3	20	
p- & m- Xylenes	21.4		"	20.0		107	77-130		13.7	20	
p-Diethylbenzene	9.52		"	10.0		95.2	84-134		15.8	30	
p-Ethyltoluene	10.6		"	10.0		106	88-129		16.6	30	
p-Isopropyltoluene	9.32		"	10.0		93.2	81-136		15.5	30	
sec-Butylbenzene	9.49		"	10.0		94.9	79-137		16.2	30	
Styrene	9.92		"	10.0		99.2	70-130		11.3	20	
tert-Butyl alcohol (TBA)	52.7		"	50.0		105	25-162		5.14	30	
tert-Butylbenzene	9.46		"	10.0		94.6	77-138		16.1	30	
Tetrachloroethylene	6.84		"	10.0		68.4	82-130	Low Bias	19.1	20	
Toluene	10.5		"	10.0		105	80-127		14.9	20	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-130		21.8	20	Non-dir.
trans-1,3-Dichloropropylene	9.10		"	10.0		91.0	78-130		10.3	20	
Trichloroethylene	9.64		"	10.0		96.4	82-128		18.6	20	
Trichlorofluoromethane	12.2		"	10.0		122	67-139		47.3	20	Non-dir.
Vinyl Chloride	10.9		"	10.0		109	70-130		67.7	20	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50357 - EPA 3550C											
Blank (BG50357-BLK1)											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Prepared & Analyzed: 07/07/2025

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50357 - EPA 3550C											
Blank (BG50357-BLK1)											Prepared & Analyzed: 07/07/2025
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.36*		"	*1.66*		*82.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.23*		"	*1.66*		*74.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.627*		"	*0.831*		*75.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.578*		"	*0.831*		*69.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.81*		"	*1.66*		*109*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.656*		"	*0.831*		*79.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50357 - EPA 3550C											
LCS (BG50357-BS1)								Prepared & Analyzed: 07/07/2025			
1,1-Biphenyl	0.350	0.0416	mg/kg wet	0.831		42.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.319	0.0830	"	0.831		38.4	21-131				
1,2,4-Trichlorobenzene	0.388	0.0416	"	0.831		46.7	10-140				
1,2-Dichlorobenzene	0.352	0.0416	"	0.831		42.4	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.336	0.0416	"	0.831		40.4	17-137				
1,3-Dichlorobenzene	0.355	0.0416	"	0.831		42.7	33-110				
1,4-Dichlorobenzene	0.345	0.0416	"	0.831		41.5	32-104				
2,3,4,6-Tetrachlorophenol	0.486	0.0830	"	0.831		58.6	30-130				
2,4,5-Trichlorophenol	0.395	0.0416	"	0.831		47.5	27-118				
2,4,6-Trichlorophenol	0.430	0.0416	"	0.831		51.8	31-120				
2,4-Dichlorophenol	0.428	0.0416	"	0.831		51.6	20-127				
2,4-Dimethylphenol	0.396	0.0416	"	0.831		47.6	14-132				
2,4-Dinitrophenol	0.0439	0.0830	"	0.831		5.28	10-171	Low Bias			
2,4-Dinitrotoluene	0.337	0.0416	"	0.831		40.6	34-131				
2,6-Dinitrotoluene	0.346	0.0416	"	0.831		41.6	31-128				
2-Chloronaphthalene	0.336	0.0416	"	0.831		40.4	31-117				
2-Chlorophenol	0.389	0.0416	"	0.831		46.9	33-113				
2-Methylnaphthalene	0.344	0.0416	"	0.831		41.4	12-138				
2-Methylphenol	0.376	0.0416	"	0.831		45.2	10-136				
2-Nitroaniline	0.379	0.0830	"	0.831		45.6	27-132				
2-Nitrophenol	0.340	0.0416	"	0.831		40.9	17-129				
3- & 4-Methylphenols	0.340	0.0416	"	0.831		40.9	29-103				
3,3-Dichlorobenzidine	0.211	0.0416	"	0.831		25.4	22-149				
3-Nitroaniline	0.346	0.0830	"	0.831		41.6	20-133				
4,6-Dinitro-2-methylphenol	0.0638	0.0830	"	0.831		7.68	10-143	Low Bias			
4-Bromophenyl phenyl ether	0.348	0.0416	"	0.831		41.9	29-120				
4-Chloro-3-methylphenol	0.408	0.0416	"	0.831		49.2	24-129				
4-Chloroaniline	0.286	0.0416	"	0.831		34.5	10-132				
4-Chlorophenyl phenyl ether	0.333	0.0416	"	0.831		40.0	27-124				
4-Nitroaniline	0.331	0.0830	"	0.831		39.8	16-128				
4-Nitrophenol	0.314	0.0830	"	0.831		37.8	10-141				
Acenaphthene	0.321	0.0416	"	0.831		38.7	30-121				
Acenaphthylene	0.350	0.0416	"	0.831		42.1	30-115				
Acetophenone	0.330	0.0416	"	0.831		39.8	20-112				
Aniline	0.233	0.166	"	0.831		28.0	10-119				
Anthracene	0.332	0.0416	"	0.831		40.0	34-118				
Atrazine	0.320	0.0416	"	0.831		38.5	26-112				
Benzaldehyde	0.309	0.0416	"	0.831		37.2	21-100				
Benzo(a)anthracene	0.335	0.0416	"	0.831		40.3	32-122				
Benzo(a)pyrene	0.323	0.0416	"	0.831		38.9	29-133				
Benzo(b)fluoranthene	0.329	0.0416	"	0.831		39.6	25-133				
Benzo(g,h,i)perylene	0.359	0.0416	"	0.831		43.2	10-143				
Benzo(k)fluoranthene	0.321	0.0416	"	0.831		38.7	25-128				
Benzoic acid	0.341	0.0416	"	0.831		41.0	10-140				
Benzyl alcohol	0.352	0.0416	"	0.831		42.4	30-115				
Benzyl butyl phthalate	0.351	0.0416	"	0.831		42.3	26-126				
Bis(2-chloroethoxy)methane	0.355	0.0416	"	0.831		42.8	19-132				
Bis(2-chloroethyl)ether	0.335	0.0416	"	0.831		40.4	19-125				
Bis(2-chloroisopropyl)ether	0.343	0.0416	"	0.831		41.3	20-135				
Bis(2-ethylhexyl)phthalate	0.344	0.0416	"	0.831		41.4	10-155				
Caprolactam	0.453	0.0830	"	0.831		54.6	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50357 - EPA 3550C											
LCS (BG50357-BS1)									Prepared & Analyzed: 07/07/2025		
Carbazole	0.312	0.0416	mg/kg wet	0.831		37.5	35-123				
Chrysene	0.318	0.0416	"	0.831		38.2	32-123				
Dibenzo(a,h)anthracene	0.338	0.0416	"	0.831		40.6	10-136				
Dibenzofuran	0.338	0.0416	"	0.831		40.7	29-121				
Diethyl phthalate	0.329	0.0416	"	0.831		39.6	34-116				
Dimethyl phthalate	0.329	0.0416	"	0.831		39.6	35-124				
Di-n-butyl phthalate	0.334	0.0416	"	0.831		40.2	31-116				
Di-n-octyl phthalate	0.325	0.0416	"	0.831		39.1	26-136				
Fluoranthene	0.305	0.0416	"	0.831		36.8	33-122				
Fluorene	0.342	0.0416	"	0.831		41.2	29-123				
Hexachlorobenzene	0.332	0.0416	"	0.831		40.0	21-124				
Hexachlorobutadiene	0.383	0.0416	"	0.831		46.2	10-149				
Hexachlorocyclopentadiene	0.145	0.0416	"	0.831		17.4	10-129				
Hexachloroethane	0.328	0.0416	"	0.831		39.5	28-108				
Indeno(1,2,3-cd)pyrene	0.405	0.0416	"	0.831		48.8	10-135				
Isophorone	0.363	0.0416	"	0.831		43.7	20-132				
Naphthalene	0.366	0.0416	"	0.831		44.1	23-124				
Nitrobenzene	0.368	0.0416	"	0.831		44.3	13-132				
N-Nitrosodimethylamine	0.324	0.0416	"	0.831		39.0	11-129				
N-nitroso-di-n-propylamine	0.341	0.0416	"	0.831		41.0	24-119				
N-Nitrosodiphenylamine	0.391	0.0416	"	0.831		47.1	22-152				
Pentachlorophenol	0.331	0.0416	"	0.831		39.8	10-139				
Phenanthrene	0.334	0.0416	"	0.831		40.2	33-123				
Phenol	0.386	0.0416	"	0.831		46.5	23-115				
Pyrene	0.356	0.0416	"	0.831		42.9	24-130				
Pyridine	0.302	0.166	"	0.831		36.4	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.759*		"	*1.66*		*45.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.695*		"	*1.66*		*41.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.360*		"	*0.831*		*43.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.319*		"	*0.831*		*38.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.948*		"	*1.66*		*57.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.348*		"	*0.831*		*41.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50357 - EPA 3550C											
Matrix Spike (BG50357-MS1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)							Prepared & Analyzed: 07/07/2025			
1,1-Biphenyl	0.535	0.0932	mg/kg dry	0.931	ND	57.4	10-130				
1,2,4,5-Tetrachlorobenzene	0.488	0.186	"	0.931	ND	52.4	10-133				
1,2,4-Trichlorobenzene	0.572	0.0932	"	0.931	ND	61.4	10-127				
1,2-Dichlorobenzene	0.538	0.0932	"	0.931	ND	57.8	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.503	0.0932	"	0.931	ND	54.0	10-144				
1,3-Dichlorobenzene	0.525	0.0932	"	0.931	ND	56.4	11-111				
1,4-Dichlorobenzene	0.539	0.0932	"	0.931	ND	57.9	10-106				
2,3,4,6-Tetrachlorophenol	0.700	0.186	"	0.931	ND	75.2	30-130				
2,4,5-Trichlorophenol	0.564	0.0932	"	0.931	ND	60.6	10-127				
2,4,6-Trichlorophenol	0.655	0.0932	"	0.931	ND	70.3	10-132				
2,4-Dichlorophenol	0.647	0.0932	"	0.931	ND	69.5	10-128				
2,4-Dimethylphenol	0.578	0.0932	"	0.931	ND	62.1	10-137				
2,4-Dinitrophenol	ND	0.186	"	0.931	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.469	0.0932	"	0.931	ND	50.4	16-135				
2,6-Dinitrotoluene	0.496	0.0932	"	0.931	ND	53.3	18-131				
2-Chloronaphthalene	0.511	0.0932	"	0.931	ND	54.9	10-129				
2-Chlorophenol	0.576	0.0932	"	0.931	ND	61.8	15-116				
2-Methylnaphthalene	0.509	0.0932	"	0.931	ND	54.7	10-147				
2-Methylphenol	0.557	0.0932	"	0.931	ND	59.8	10-136				
2-Nitroaniline	0.558	0.186	"	0.931	ND	59.9	10-137				
2-Nitrophenol	0.444	0.0932	"	0.931	ND	47.7	10-129				
3- & 4-Methylphenols	0.503	0.0932	"	0.931	ND	54.0	10-123				
3,3-Dichlorobenzidine	0.344	0.0932	"	0.931	ND	37.0	10-155				
3-Nitroaniline	0.556	0.186	"	0.931	ND	59.7	12-133				
4,6-Dinitro-2-methylphenol	ND	0.186	"	0.931	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.519	0.0932	"	0.931	ND	55.8	14-128				
4-Chloro-3-methylphenol	0.602	0.0932	"	0.931	ND	64.7	10-134				
4-Chloroaniline	0.448	0.0932	"	0.931	ND	48.2	10-145				
4-Chlorophenyl phenyl ether	0.512	0.0932	"	0.931	ND	55.0	14-130				
4-Nitroaniline	0.538	0.186	"	0.931	ND	57.8	10-147				
4-Nitrophenol	0.453	0.186	"	0.931	ND	48.6	10-137				
Acenaphthene	0.497	0.0932	"	0.931	ND	53.4	10-146				
Acenaphthylene	0.524	0.0932	"	0.931	ND	56.2	10-134				
Acetophenone	0.514	0.0932	"	0.931	ND	55.2	10-116				
Aniline	0.366	0.373	"	0.931	ND	39.4	10-123				
Anthracene	0.492	0.0932	"	0.931	ND	52.9	10-142				
Atrazine	0.477	0.0932	"	0.931	ND	51.2	19-115				
Benzaldehyde	0.480	0.0932	"	0.931	ND	51.5	10-125				
Benzo(a)anthracene	0.515	0.0932	"	0.931	ND	55.4	10-158				
Benzo(a)pyrene	0.506	0.0932	"	0.931	ND	54.4	10-180				
Benzo(b)fluoranthene	0.499	0.0932	"	0.931	ND	53.6	10-200				
Benzo(g,h,i)perylene	0.551	0.0932	"	0.931	ND	59.2	10-138				
Benzo(k)fluoranthene	0.518	0.0932	"	0.931	ND	55.7	10-197				
Benzoic acid	0.136	0.0932	"	0.931	ND	14.6	10-166				
Benzyl alcohol	0.510	0.0932	"	0.931	ND	54.8	12-124				
Benzyl butyl phthalate	0.538	0.0932	"	0.931	ND	57.8	10-154				
Bis(2-chloroethoxy)methane	0.532	0.0932	"	0.931	ND	57.2	10-132				
Bis(2-chloroethyl)ether	0.518	0.0932	"	0.931	ND	55.6	10-119				
Bis(2-chloroisopropyl)ether	0.521	0.0932	"	0.931	ND	56.0	10-139				
Bis(2-ethylhexyl)phthalate	0.510	0.0932	"	0.931	ND	54.8	10-167				
Caprolactam	0.631	0.186	"	0.931	ND	67.8	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50357 - EPA 3550C											
Matrix Spike (BG50357-MS1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)							Prepared & Analyzed: 07/07/2025			
Carbazole	0.475	0.0932	mg/kg dry	0.931	ND	51.0	10-167				
Chrysene	0.502	0.0932	"	0.931	ND	53.9	10-156				
Dibenzo(a,h)anthracene	0.513	0.0932	"	0.931	ND	55.1	10-137				
Dibenzofuran	0.516	0.0932	"	0.931	ND	55.4	10-147				
Diethyl phthalate	0.502	0.0932	"	0.931	ND	53.9	20-120				
Dimethyl phthalate	0.501	0.0932	"	0.931	ND	53.8	18-131				
Di-n-butyl phthalate	0.502	0.0932	"	0.931	ND	53.9	10-137				
Di-n-octyl phthalate	0.483	0.0932	"	0.931	ND	51.9	10-180				
Fluoranthene	0.465	0.0932	"	0.931	ND	49.9	10-160				
Fluorene	0.517	0.0932	"	0.931	ND	55.5	10-157				
Hexachlorobenzene	0.523	0.0932	"	0.931	ND	56.2	10-137				
Hexachlorobutadiene	0.560	0.0932	"	0.931	ND	60.2	10-132				
Hexachlorocyclopentadiene	0.172	0.0932	"	0.931	ND	18.5	10-106				
Hexachloroethane	0.486	0.0932	"	0.931	ND	52.2	10-110				
Indeno(1,2,3-cd)pyrene	0.617	0.0932	"	0.931	ND	66.3	10-144				
Isophorone	0.537	0.0932	"	0.931	ND	57.7	10-132				
Naphthalene	0.555	0.0932	"	0.931	ND	59.6	10-141				
Nitrobenzene	0.558	0.0932	"	0.931	ND	59.9	10-131				
N-Nitrosodimethylamine	0.492	0.0932	"	0.931	ND	52.9	10-126				
N-nitroso-di-n-propylamine	0.509	0.0932	"	0.931	ND	54.7	10-125				
N-Nitrosodiphenylamine	0.594	0.0932	"	0.931	ND	63.8	10-177				
Pentachlorophenol	0.328	0.0932	"	0.931	ND	35.2	10-153				
Phenanthrene	0.512	0.0932	"	0.931	ND	55.0	10-148				
Phenol	0.573	0.0932	"	0.931	ND	61.5	10-126				
Pyrene	0.535	0.0932	"	0.931	ND	57.4	10-165				
Pyridine	0.456	0.373	"	0.931	ND	49.0	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.15*		"	*1.86*		*62.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.06*		"	*1.86*		*57.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.545*		"	*0.931*		*58.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.496*		"	*0.931*		*53.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.43*		"	*1.86*		*76.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.523*		"	*0.931*		*56.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BG50357 - EPA 3550C

Matrix Spike Dup (BG50357-MSD1) *Source sample: 25G0333-11 (PCI-B-03-10.0-12.0) Prepared & Analyzed: 07/07/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.512	0.0932	mg/kg dry	0.931	ND	55.0	10-130		4.41	30	
1,2,4,5-Tetrachlorobenzene	0.445	0.186	"	0.931	ND	47.8	10-133		9.10	30	
1,2,4-Trichlorobenzene	0.536	0.0932	"	0.931	ND	57.6	10-127		6.45	30	
1,2-Dichlorobenzene	0.482	0.0932	"	0.931	ND	51.8	14-111		11.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.483	0.0932	"	0.931	ND	51.8	10-144		4.08	30	
1,3-Dichlorobenzene	0.489	0.0932	"	0.931	ND	52.5	11-111		7.20	30	
1,4-Dichlorobenzene	0.482	0.0932	"	0.931	ND	51.8	10-106		11.2	30	
2,3,4,6-Tetrachlorophenol	0.700	0.186	"	0.931	ND	75.2	30-130		0.00	30	
2,4,5-Trichlorophenol	0.523	0.0932	"	0.931	ND	56.2	10-127		7.67	30	
2,4,6-Trichlorophenol	0.606	0.0932	"	0.931	ND	65.1	10-132		7.68	30	
2,4-Dichlorophenol	0.572	0.0932	"	0.931	ND	61.4	10-128		12.3	30	
2,4-Dimethylphenol	0.535	0.0932	"	0.931	ND	57.5	10-137		7.63	30	
2,4-Dinitrophenol	0.643	0.186	"	0.931	ND	69.1	10-171			30	
2,4-Dinitrotoluene	0.525	0.0932	"	0.931	ND	56.4	16-135		11.2	30	
2,6-Dinitrotoluene	0.532	0.0932	"	0.931	ND	57.1	18-131		6.96	30	
2-Chloronaphthalene	0.486	0.0932	"	0.931	ND	52.2	10-129		5.08	30	
2-Chlorophenol	0.517	0.0932	"	0.931	ND	55.5	15-116		10.8	30	
2-Methylnaphthalene	0.481	0.0932	"	0.931	ND	51.7	10-147		5.71	30	
2-Methylphenol	0.503	0.0932	"	0.931	ND	54.0	10-136		10.3	30	
2-Nitroaniline	0.535	0.186	"	0.931	ND	57.4	10-137		4.23	30	
2-Nitrophenol	0.646	0.0932	"	0.931	ND	69.4	10-129		37.2	30	Non-dir.
3- & 4-Methylphenols	0.452	0.0932	"	0.931	ND	48.6	10-123		10.6	30	
3,3-Dichlorobenzidine	0.330	0.0932	"	0.931	ND	35.4	10-155		4.20	30	
3-Nitroaniline	0.466	0.186	"	0.931	ND	50.1	12-133		17.5	30	
4,6-Dinitro-2-methylphenol	0.735	0.186	"	0.931	ND	79.0	10-155			30	
4-Bromophenyl phenyl ether	0.479	0.0932	"	0.931	ND	51.4	14-128		8.06	30	
4-Chloro-3-methylphenol	0.553	0.0932	"	0.931	ND	59.4	10-134		8.51	30	
4-Chloroaniline	0.375	0.0932	"	0.931	ND	40.3	10-145		17.7	30	
4-Chlorophenyl phenyl ether	0.479	0.0932	"	0.931	ND	51.4	14-130		6.62	30	
4-Nitroaniline	0.422	0.186	"	0.931	ND	45.4	10-147		24.0	30	
4-Nitrophenol	0.529	0.186	"	0.931	ND	56.9	10-137		15.6	30	
Acenaphthene	0.483	0.0932	"	0.931	ND	51.8	10-146		2.89	30	
Acenaphthylene	0.506	0.0932	"	0.931	ND	54.3	10-134		3.47	30	
Acetophenone	0.462	0.0932	"	0.931	ND	49.6	10-116		10.7	30	
Aniline	0.328	0.373	"	0.931	ND	35.3	10-123		10.9	30	
Anthracene	0.477	0.0932	"	0.931	ND	51.2	10-142		3.23	30	
Atrazine	0.486	0.0932	"	0.931	ND	52.2	19-115		1.86	30	
Benzaldehyde	0.433	0.0932	"	0.931	ND	46.5	10-125		10.3	30	
Benzo(a)anthracene	0.509	0.0932	"	0.931	ND	54.7	10-158		1.16	30	
Benzo(a)pyrene	0.454	0.0932	"	0.931	ND	48.8	10-180		10.9	30	
Benzo(b)fluoranthene	0.477	0.0932	"	0.931	ND	51.2	10-200		4.58	30	
Benzo(g,h,i)perylene	0.521	0.0932	"	0.931	ND	55.9	10-138		5.70	30	
Benzo(k)fluoranthene	0.480	0.0932	"	0.931	ND	51.5	10-197		7.76	30	
Benzoic acid	0.249	0.0932	"	0.931	ND	26.7	10-166		58.9	30	Non-dir.
Benzyl alcohol	0.466	0.0932	"	0.931	ND	50.1	12-124		9.00	30	
Benzyl butyl phthalate	0.533	0.0932	"	0.931	ND	57.3	10-154		0.835	30	
Bis(2-chloroethoxy)methane	0.515	0.0932	"	0.931	ND	55.4	10-132		3.27	30	
Bis(2-chloroethyl)ether	0.478	0.0932	"	0.931	ND	51.4	10-119		7.93	30	
Bis(2-chloroisopropyl)ether	0.488	0.0932	"	0.931	ND	52.4	10-139		6.64	30	
Bis(2-ethylhexyl)phthalate	0.507	0.0932	"	0.931	ND	54.5	10-167		0.586	30	
Caprolactam	0.653	0.186	"	0.931	ND	70.2	10-132		3.48	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50357 - EPA 3550C											
Matrix Spike Dup (BG50357-MSD1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)							Prepared & Analyzed: 07/07/2025			
Carbazole	0.471	0.0932	mg/kg dry	0.931	ND	50.6	10-167		0.945	30	
Chrysene	0.509	0.0932	"	0.931	ND	54.7	10-156		1.47	30	
Dibenzo(a,h)anthracene	0.477	0.0932	"	0.931	ND	51.3	10-137		7.22	30	
Dibenzofuran	0.489	0.0932	"	0.931	ND	52.5	10-147		5.49	30	
Diethyl phthalate	0.481	0.0932	"	0.931	ND	51.7	20-120		4.24	30	
Dimethyl phthalate	0.481	0.0932	"	0.931	ND	51.7	18-131		4.09	30	
Di-n-butyl phthalate	0.483	0.0932	"	0.931	ND	51.9	10-137		3.78	30	
Di-n-octyl phthalate	0.489	0.0932	"	0.931	ND	52.5	10-180		1.07	30	
Fluoranthene	0.474	0.0932	"	0.931	ND	51.0	10-160		2.06	30	
Fluorene	0.487	0.0932	"	0.931	ND	52.3	10-157		5.93	30	
Hexachlorobenzene	0.488	0.0932	"	0.931	ND	52.4	10-137		6.93	30	
Hexachlorobutadiene	0.544	0.0932	"	0.931	ND	58.4	10-132		2.97	30	
Hexachlorocyclopentadiene	0.371	0.0932	"	0.931	ND	39.8	10-106		73.3	30	Non-dir.
Hexachloroethane	0.486	0.0932	"	0.931	ND	52.2	10-110		0.153	30	
Indeno(1,2,3-cd)pyrene	0.577	0.0932	"	0.931	ND	62.0	10-144		6.73	30	
Isophorone	0.503	0.0932	"	0.931	ND	54.1	10-132		6.44	30	
Naphthalene	0.522	0.0932	"	0.931	ND	56.1	10-141		6.09	30	
Nitrobenzene	0.524	0.0932	"	0.931	ND	56.2	10-131		6.34	30	
N-Nitrosodimethylamine	0.464	0.0932	"	0.931	ND	49.8	10-126		5.92	30	
N-nitroso-di-n-propylamine	0.461	0.0932	"	0.931	ND	49.5	10-125		9.98	30	
N-Nitrosodiphenylamine	0.556	0.0932	"	0.931	ND	59.8	10-177		6.48	30	
Pentachlorophenol	0.492	0.0932	"	0.931	ND	52.9	10-153		40.1	30	Non-dir.
Phenanthrene	0.491	0.0932	"	0.931	ND	52.8	10-148		4.01	30	
Phenol	0.515	0.0932	"	0.931	ND	55.3	10-126		10.7	30	
Pyrene	0.483	0.0932	"	0.931	ND	51.9	10-165		10.1	30	
Pyridine	0.398	0.373	"	0.931	ND	42.8	10-83		13.4	30	
Surrogate: SURR: 2-Fluorophenol	*1.06*		"	*1.86*		*56.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.962*		"	*1.86*		*51.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.510*		"	*0.931*		*54.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.462*		"	*0.931*		*49.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.33*		"	*1.86*		*71.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.474*		"	*0.931*		*50.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50542 - EPA 3510C											
Blank (BG50542-BLK1)											Prepared & Analyzed: 07/09/2025
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	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	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50542 - EPA 3510C											
Blank (BG50542-BLK1)								Prepared & Analyzed: 07/09/2025			
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*18.0*		"	*50.0*		*36.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.44*		"	*50.0*		*18.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.8*		"	*25.0*		*63.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.2*		"	*25.0*		*56.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*39.5*		"	*50.0*		*79.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*24.4*		"	*25.0*		*97.6*	*30.7-106*				
LCS (BG50542-BS1)								Prepared & Analyzed: 07/09/2025			
1,1-Biphenyl	14.5	5.00	ug/L	25.0		57.9	33-95				
1,2,4,5-Tetrachlorobenzene	12.3	5.00	"	25.0		49.2	26-120				
1,2,4-Trichlorobenzene	13.4	5.00	"	25.0		53.8	20-118				
1,2-Dichlorobenzene	11.0	5.00	"	25.0		44.0	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	16.8	5.00	"	25.0		67.0	16-141				
1,3-Dichlorobenzene	10.8	5.00	"	25.0		43.2	23-117				
1,4-Dichlorobenzene	11.3	5.00	"	25.0		45.1	30-105				
2,3,4,6-Tetrachlorophenol	25.5	5.00	"	25.0		102	30-130				
2,4,5-Trichlorophenol	18.9	5.00	"	25.0		75.4	32-114				
2,4,6-Trichlorophenol	18.4	5.00	"	25.0		73.6	35-118				
2,4-Dichlorophenol	18.9	5.00	"	25.0		75.5	25-116				
2,4-Dimethylphenol	18.4	5.00	"	25.0		73.4	15-116				
2,4-Dinitrophenol	4.37	5.00	"	25.0		17.5	10-170				
2,4-Dinitrotoluene	18.4	5.00	"	25.0		73.6	41-128				
2,6-Dinitrotoluene	17.7	5.00	"	25.0		70.8	45-116				
2-Chloronaphthalene	14.7	5.00	"	25.0		58.7	33-112				
2-Chlorophenol	15.2	5.00	"	25.0		61.0	15-120				
2-Methylnaphthalene	13.9	5.00	"	25.0		55.4	24-118				
2-Methylphenol	13.5	5.00	"	25.0		54.0	10-110				
2-Nitroaniline	19.0	5.00	"	25.0		76.0	34-129				
2-Nitrophenol	15.1	5.00	"	25.0		60.5	28-118				
3- & 4-Methylphenols	11.0	5.00	"	25.0		44.0	10-107				
3,3-Dichlorobenzidine	26.3	5.00	"	25.0		105	15-187				
3-Nitroaniline	19.0	5.00	"	25.0		76.0	24-134				
4,6-Dinitro-2-methylphenol	4.66	5.00	"	25.0		18.6	10-153				
4-Bromophenyl phenyl ether	17.1	5.00	"	25.0		68.6	34-120				
4-Chloro-3-methylphenol	19.1	5.00	"	25.0		76.2	20-120				
4-Chloroaniline	13.7	5.00	"	25.0		54.8	10-147				
4-Chlorophenyl phenyl ether	17.1	5.00	"	25.0		68.4	27-121				
4-Nitroaniline	20.4	5.00	"	25.0		81.8	13-134				
4-Nitrophenol	8.49	5.00	"	25.0		34.0	10-131				
Acetophenone	14.1	5.00	"	25.0		56.4	25-110				
Aniline	5.61	5.00	"	25.0		22.4	10-117				
Benzaldehyde	12.1	5.00	"	25.0		48.3	29-117				
Benzoic acid	7.26	5.00	"	25.0		29.0	30-130	Low Bias			
Benzyl alcohol	11.3	5.00	"	25.0		45.3	10-117				
Benzyl butyl phthalate	23.1	5.00	"	25.0		92.4	29-133				
Bis(2-chloroethoxy)methane	16.0	5.00	"	25.0		64.0	10-154				
Bis(2-chloroethyl)ether	15.2	5.00	"	25.0		60.8	17-125				
Bis(2-chloroisopropyl)ether	14.1	5.00	"	25.0		56.5	10-139				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50542 - EPA 3510C											
LCS (BG50542-BS1)							Prepared & Analyzed: 07/09/2025				
Caprolactam	3.94	5.00	ug/L	25.0		15.8	10-137				
Carbazole	20.1	5.00	"	25.0		80.4	42-126				
Dibenzofuran	16.5	5.00	"	25.0		65.9	36-113				
Diethyl phthalate	19.6	5.00	"	25.0		78.5	38-115				
Dimethyl phthalate	18.5	5.00	"	25.0		74.0	38-129				
Di-n-butyl phthalate	21.5	5.00	"	25.0		86.0	31-120				
Di-n-octyl phthalate	23.0	5.00	"	25.0		91.8	21-149				
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias			
Isophorone	17.1	5.00	"	25.0		68.3	25-127				
N-nitroso-di-n-propylamine	15.4	5.00	"	25.0		61.6	26-122				
N-Nitrosodiphenylamine	19.4	5.00	"	25.0		77.4	23-149				
Phenol	5.31	5.00	"	25.0		21.2	10-110				
Pyridine	4.99	5.00	"	35.0		14.3	10-90				
Surrogate: SURR: 2-Fluorophenol	*14.2*		"	*50.0*		*28.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.82*		"	*50.0*		*17.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.9*		"	*25.0*		*51.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.0*		"	*25.0*		*48.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*36.0*		"	*50.0*		*71.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.0*		"	*25.0*		*80.2*	*30.7-106*				
LCS Dup (BG50542-BSD1)							Prepared & Analyzed: 07/09/2025				
1,1-Biphenyl	17.1	5.00	ug/L	25.0		68.4	33-95		16.7	20	
1,2,4,5-Tetrachlorobenzene	15.3	5.00	"	25.0		61.2	26-120		21.8	20	Non-dir.
1,2,4-Trichlorobenzene	13.7	5.00	"	25.0		54.8	20-118		1.99	20	
1,2-Dichlorobenzene	11.6	5.00	"	25.0		46.2	29-111		4.96	20	
1,2-Diphenylhydrazine (as Azobenzene)	19.6	5.00	"	25.0		78.3	16-141		15.5	20	
1,3-Dichlorobenzene	11.2	5.00	"	25.0		45.0	23-117		4.09	20	
1,4-Dichlorobenzene	11.5	5.00	"	25.0		45.9	30-105		1.76	20	
2,3,4,6-Tetrachlorophenol	26.4	5.00	"	25.0		105	30-130		3.20	20	
2,4,5-Trichlorophenol	20.7	5.00	"	25.0		82.7	32-114		9.16	20	
2,4,6-Trichlorophenol	21.4	5.00	"	25.0		85.5	35-118		15.0	20	
2,4-Dichlorophenol	20.2	5.00	"	25.0		81.0	25-116		6.95	20	
2,4-Dimethylphenol	19.3	5.00	"	25.0		77.4	15-116		5.20	20	
2,4-Dinitrophenol	13.8	5.00	"	25.0		55.3	10-170		104	20	Non-dir.
2,4-Dinitrotoluene	21.4	5.00	"	25.0		85.4	41-128		14.9	20	
2,6-Dinitrotoluene	20.4	5.00	"	25.0		81.5	45-116		14.1	20	
2-Chloronaphthalene	17.5	5.00	"	25.0		70.2	33-112		17.8	20	
2-Chlorophenol	16.6	5.00	"	25.0		66.5	15-120		8.60	20	
2-Methylnaphthalene	14.9	5.00	"	25.0		59.8	24-118		7.50	20	
2-Methylphenol	15.1	5.00	"	25.0		60.5	10-110		11.3	20	
2-Nitroaniline	21.8	5.00	"	25.0		87.1	34-129		13.7	20	
2-Nitrophenol	17.1	5.00	"	25.0		68.6	28-118		12.5	20	
3- & 4-Methylphenols	12.2	5.00	"	25.0		48.9	10-107		10.7	20	
3,3-Dichlorobenzidine	28.8	5.00	"	25.0		115	15-187		9.17	20	
3-Nitroaniline	21.8	5.00	"	25.0		87.1	24-134		13.7	20	
4,6-Dinitro-2-methylphenol	14.6	5.00	"	25.0		58.2	10-153		103	20	Non-dir.
4-Bromophenyl phenyl ether	19.9	5.00	"	25.0		79.6	34-120		14.9	20	
4-Chloro-3-methylphenol	19.1	5.00	"	25.0		76.3	20-120		0.105	20	
4-Chloroaniline	14.5	5.00	"	25.0		58.2	10-147		5.95	20	
4-Chlorophenyl phenyl ether	19.7	5.00	"	25.0		78.8	27-121		14.2	20	
4-Nitroaniline	20.2	5.00	"	25.0		80.6	13-134		1.38	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50542 - EPA 3510C											
LCS Dup (BG50542-BSD1)								Prepared & Analyzed: 07/09/2025			
4-Nitrophenol	8.99	5.00	ug/L	25.0		36.0	10-131		5.72	20	
Acetophenone	16.2	5.00	"	25.0		64.8	25-110		13.9	20	
Aniline	6.53	5.00	"	25.0		26.1	10-117		15.2	20	
Benzaldehyde	13.8	5.00	"	25.0		55.3	29-117		13.4	20	
Benzoic acid	6.50	5.00	"	25.0		26.0	30-130	Low Bias	11.0	20	
Benzyl alcohol	12.6	5.00	"	25.0		50.3	10-117		10.5	20	
Benzyl butyl phthalate	24.1	5.00	"	25.0		96.3	29-133		4.07	20	
Bis(2-chloroethoxy)methane	18.0	5.00	"	25.0		72.0	10-154		11.8	20	
Bis(2-chloroethyl)ether	16.8	5.00	"	25.0		67.3	17-125		10.1	20	
Bis(2-chloroisopropyl)ether	15.8	5.00	"	25.0		63.3	10-139		11.3	20	
Caprolactam	4.03	5.00	"	25.0		16.1	10-137		2.26	20	
Carbazole	21.8	5.00	"	25.0		87.2	42-126		8.21	20	
Dibenzofuran	19.0	5.00	"	25.0		75.8	36-113		14.0	20	
Diethyl phthalate	22.1	5.00	"	25.0		88.4	38-115		11.9	20	
Dimethyl phthalate	21.4	5.00	"	25.0		85.7	38-129		14.6	20	
Di-n-butyl phthalate	23.8	5.00	"	25.0		95.2	31-120		10.1	20	
Di-n-octyl phthalate	25.6	5.00	"	25.0		102	21-149		10.8	20	
Hexachlorocyclopentadiene	7.15	10.0	"	25.0		28.6	10-130		86.3	20	Non-dir.
Isophorone	19.4	5.00	"	25.0		77.4	25-127		12.6	20	
N-nitroso-di-n-propylamine	17.2	5.00	"	25.0		69.0	26-122		11.3	20	
N-Nitrosodiphenylamine	23.0	5.00	"	25.0		91.9	23-149		17.1	20	
Phenol	5.79	5.00	"	25.0		23.2	10-110		8.65	20	
Pyridine	6.38	5.00	"	35.0		18.2	10-90		24.5	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*14.8*		"	*50.0*		*29.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.80*		"	*50.0*		*17.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*13.4*		"	*25.0*		*53.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.3*		"	*25.0*		*57.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*37.1*		"	*50.0*		*74.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*19.3*		"	*25.0*		*77.4*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

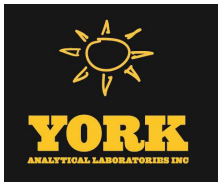
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50544 - EPA 3510C											
Blank (BG50544-BLK2)											Prepared & Analyzed: 07/09/2025
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
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 (BG50544-BS2)											Prepared: 07/09/2025 Analyzed: 07/10/2025
Acenaphthene	0.700	0.0500	ug/L	1.00		70.0	25-116				
Acenaphthylene	0.760	0.0500	"	1.00		76.0	26-116				
Anthracene	0.500	0.0500	"	1.00		50.0	25-123				
Benzo(a)anthracene	0.830	0.0500	"	1.00		83.0	33-125				
Benzo(a)pyrene	0.650	0.0500	"	1.00		65.0	32-132				
Benzo(b)fluoranthene	1.01	0.0500	"	1.00		101	22-137				
Benzo(g,h,i)perylene	0.900	0.0500	"	1.00		90.0	10-138				
Benzo(k)fluoranthene	0.890	0.0500	"	1.00		89.0	20-137				
Bis(2-ethylhexyl)phthalate	0.960	0.500	"	1.00		96.0	10-189				
Chrysene	0.820	0.0500	"	1.00		82.0	32-124				
Dibenzo(a,h)anthracene	0.950	0.0500	"	1.00		95.0	16-133				
Fluoranthene	0.820	0.0500	"	1.00		82.0	32-121				
Fluorene	0.800	0.0500	"	1.00		80.0	28-118				
Hexachlorobenzene	0.830	0.0200	"	1.00		83.0	23-124				
Hexachlorobutadiene	0.590	0.500	"	1.00		59.0	15-123				
Hexachloroethane	2.40	0.500	"	1.00		240	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.870	0.0500	"	1.00		87.0	15-135				
Naphthalene	0.650	0.0500	"	1.00		65.0	18-120				
Nitrobenzene	0.470	0.250	"	1.00		47.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.10	0.250	"	1.00		110	10-156				
Phenanthrene	0.730	0.0500	"	1.00		73.0	24-127				
Pyrene	0.750	0.0500	"	1.00		75.0	31-132				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50348 - EPA 3535A											
Blank (BG50348-BLK1)								Prepared & Analyzed: 07/07/2025			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*2.56*		"	*4.00*		*64.0*	*36.6-118*				
LCS (BG50348-BS1)								Prepared & Analyzed: 07/07/2025			
1,4-Dioxane	3.41	0.300	ug/L	4.00		85.2	50-130				
Surrogate: 1,4-Dioxane-d8	*3.04*		"	*4.00*		*76.0*	*36.6-118*				
Batch BG50688 - EPA 3550C											
Blank (BG50688-BLK1)								Prepared & Analyzed: 07/10/2025			
1,4-Dioxane	ND	20.0	ug/kg								
Surrogate: 1,4-Dioxane-d8	*420*		"	*500*		*84.0*	*39-127.5*				
LCS (BG50688-BS1)								Prepared & Analyzed: 07/10/2025			
1,4-Dioxane	472	20.0	ug/kg	500		94.4	40-130				
Surrogate: 1,4-Dioxane-d8	*350*		"	*500*		*70.0*	*39-127.5*				
Matrix Spike (BG50688-MS1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)							Prepared & Analyzed: 07/10/2025			
1,4-Dioxane	463	20.0	ug/kg	500	ND	92.6	40-130				
Surrogate: 1,4-Dioxane-d8	*320*		"	*500*		*64.0*	*40-130*				
Matrix Spike Dup (BG50688-MSD1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)							Prepared & Analyzed: 07/10/2025			
1,4-Dioxane	477	20.0	ug/kg	500	ND	95.4	40-130		2.98	30	
Surrogate: 1,4-Dioxane-d8	*310*		"	*500*		*62.0*	*40-130*				

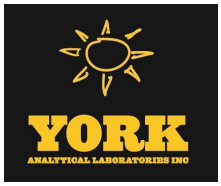
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50471 - EPA 1633 Prep											
Blank (BG50471-BLK1)											Prepared: 07/08/2025 Analyzed: 07/10/2025
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (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 FTS)	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	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 FTS)	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	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	1.00	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	5.00	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	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	*2.51*		"	*2.33*		*108*	*25-150*				
Surrogate: M5PFHxA	*2.55*		"	*2.50*		*102*	*25-150*				
Surrogate: M4PFHpA	*2.73*		"	*2.50*		*109*	*25-150*				
Surrogate: M3PFHxS	*2.56*		"	*2.37*		*108*	*25-150*				



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

York Analytical Laboratories, Inc.

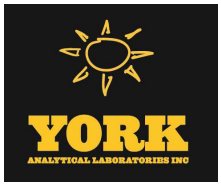
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50471 - EPA 1633 Prep											
Blank (BG50471-BLK1)											
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.62*		*ug/kg wet*	*2.50*		*105*	*25-150*				
Surrogate: M6PFDA	*1.10*		*"*	*1.25*		*87.7*	*25-150*				
Surrogate: M7PFUdA	*1.06*		*"*	*1.25*		*84.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.851*		*"*	*1.25*		*68.1*	*25-150*				
Surrogate: M2PFTeDA	*0.806*		*"*	*1.25*		*64.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.568*		*"*	*10.0*		*5.68*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.06*		*"*	*2.40*		*86.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.26*		*"*	*5.00*		*85.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.04*		*"*	*2.50*		*81.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.63*		*"*	*5.00*		*72.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.36*		*"*	*5.00*		*87.2*	*25-150*				
Surrogate: M2-6:2 FTS	*5.91*		*"*	*4.76*		*124*	*25-200*				
Surrogate: M2-8:2 FTS	*4.36*		*"*	*4.80*		*90.9*	*25-200*				
Surrogate: M9PFNA	*1.11*		*"*	*1.25*		*89.0*	*25-150*				
Surrogate: M2-4:2 FTS	*6.45*		*"*	*4.69*		*138*	*25-150*				
Surrogate: d-N-MeFOSA	*1.67*		*"*	*2.50*		*67.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.99*		*"*	*2.50*		*79.6*	*25-150*				
Surrogate: M3HFPO-DA	*10.9*		*"*	*10.0*		*109*	*25-150*				
Surrogate: d9-N-EtFOSE	*16.1*		*"*	*25.0*		*64.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.5*		*"*	*25.0*		*65.9*	*25-150*				
LCS (BG50471-BS1)											
Perfluorobutanesulfonic acid (PFBS)	3.41	0.177	ug/kg wet	3.54		96.3	50-150				
Perfluorohexanoic acid (PFHxA)	3.83	0.200	"	4.00		95.8	50-150				
Perfluoroheptanoic acid (PFHpA)	3.61	0.200	"	4.00		90.2	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.96	0.183	"	3.66		108	50-150				
Perfluorooctanoic acid (PFOA)	3.74	0.200	"	4.00		93.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.88	0.186	"	3.72		104	50-150				
Perfluorononanoic acid (PFNA)	3.65	0.200	"	4.00		91.3	50-150				
Perfluorodecanoic acid (PFDA)	3.99	0.200	"	4.00		99.8	50-150				
Perfluoroundecanoic acid (PFUnA)	4.00	0.200	"	4.00		100	50-150				
Perfluorododecanoic acid (PFDoA)	3.36	0.200	"	4.00		84.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.67	0.200	"	4.00		91.8	50-150				
Perfluorotetradecanoic acid (PFTA)	3.63	0.200	"	4.00		90.8	50-150				
N-MeFOSAA	3.92	0.200	"	4.00		98.1	50-150				
N-EtFOSAA	3.58	0.200	"	4.00		89.6	50-150				
Perfluoropentanoic acid (PFPeA)	6.91	0.400	"	8.00		86.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.52	0.200	"	4.00		88.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.45	0.200	"	3.82		116	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.50	0.193	"	3.86		64.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.4	0.760	"	15.2		101	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.8	0.768	"	15.4		96.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.4	0.800	"	16.0		84.0	50-150				



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

York Analytical Laboratories, Inc.

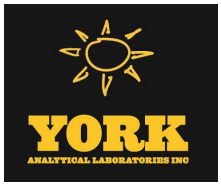
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50471 - EPA 1633 Prep											
LCS (BG50471-BS1)								Prepared: 07/08/2025 Analyzed: 07/10/2025			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.52	0.356	ug/kg wet	7.12		91.6	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.26	0.400	"	8.00		90.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.49	0.400	"	8.00		18.7	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	6.84	0.400	"	8.00		85.5	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.28	0.188	"	3.76		114	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.6	0.750	"	15.0		104	50-150				
HFPO-DA (Gen-X)	7.44	0.800	"	8.00		93.0	50-150				
11CL-PF3OUdS	3.03	0.756	"	7.56		40.1	50-150	Low Bias			
9CL-PF3ONS	4.08	0.748	"	7.48		54.5	50-150				
ADONA	7.14	0.756	"	7.56		94.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.07	0.194	"	3.88		53.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.71	0.192	"	3.84		96.6	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	11.6	1.00	"	16.0		72.7	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	75.9	5.00	"	80.0		94.9	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	67.1	5.00	"	80.0		83.9	50-150				
N-MeFOSE	35.0	2.00	"	40.0		87.6	50-150				
N-MeFOSA	4.54	0.200	"	4.00		114	50-150				
N-EtFOSE	31.8	2.00	"	40.0		79.5	50-150				
N-EtFOSA	2.98	0.200	"	4.00		74.5	50-150				
Surrogate: M3PFBS	*2.38*		"	*2.33*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.69*		"	*2.50*		*107*	*25-150*				
Surrogate: M4PFHpA	*2.93*		"	*2.50*		*117*	*25-150*				
Surrogate: M3PFHxS	*2.25*		"	*2.37*		*94.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.65*		"	*2.50*		*106*	*25-150*				
Surrogate: M6PFDA	*0.950*		"	*1.25*		*76.0*	*25-150*				
Surrogate: M7PFUdA	*0.752*		"	*1.25*		*60.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.646*		"	*1.25*		*51.7*	*25-150*				
Surrogate: M2PFTeDA	*0.519*		"	*1.25*		*41.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.495*		"	*10.0*		*4.95*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.81*		"	*2.40*		*75.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.42*		"	*5.00*		*88.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.02*		"	*2.50*		*80.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.73*		"	*5.00*		*54.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.79*		"	*5.00*		*55.9*	*25-150*				
Surrogate: M2-6:2 FTS	*4.88*		"	*4.76*		*103*	*25-200*				
Surrogate: M2-8:2 FTS	*3.62*		"	*4.80*		*75.4*	*25-200*				
Surrogate: M9PFNA	*1.15*		"	*1.25*		*91.8*	*25-150*				
Surrogate: M2-4:2 FTS	*5.03*		"	*4.69*		*107*	*25-150*				
Surrogate: d-N-MeFOSA	*1.04*		"	*2.50*		*41.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.21*		"	*2.50*		*48.4*	*25-150*				
Surrogate: M3HFPO-DA	*10.6*		"	*10.0*		*106*	*25-150*				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50471 - EPA 1633 Prep											
LCS (BG50471-BS1)								Prepared: 07/08/2025 Analyzed: 07/10/2025			
Surrogate: d9-N-EtFOSE	*10.3*		*ug/kg wet*	*25.0*		*41.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.6*		*"*	*25.0*		*42.4*	*25-150*				
LCS (BG50471-BS2)								Prepared: 07/08/2025 Analyzed: 07/10/2025			
Perfluorobutanesulfonic acid (PFBS)	0.316	0.177	ug/kg wet	0.354		89.2	50-150				
Perfluorohexanoic acid (PFHxA)	0.349	0.200	"	0.400		87.3	50-150				
Perfluoroheptanoic acid (PFHpA)	0.340	0.200	"	0.400		85.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.401	0.183	"	0.366		110	50-150				
Perfluorooctanoic acid (PFOA)	0.350	0.200	"	0.400		87.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.325	0.186	"	0.372		87.4	50-150				
Perfluorononanoic acid (PFNA)	0.374	0.200	"	0.400		93.5	50-150				
Perfluorodecanoic acid (PFDA)	0.385	0.200	"	0.400		96.1	50-150				
Perfluoroundecanoic acid (PFUnA)	0.357	0.200	"	0.400		89.2	50-150				
Perfluorododecanoic acid (PFDoA)	0.374	0.200	"	0.400		93.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.241	0.200	"	0.400		60.4	50-150				
Perfluorotetradecanoic acid (PFTA)	0.342	0.200	"	0.400		85.6	50-150				
N-MeFOSAA	0.300	0.200	"	0.400		75.0	50-150				
N-EtFOSAA	0.412	0.200	"	0.400		103	50-150				
Perfluoropentanoic acid (PFPeA)	0.684	0.400	"	0.800		85.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.387	0.200	"	0.400		96.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.388	0.200	"	0.382		102	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.293	0.193	"	0.386		75.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.34	0.760	"	1.52		88.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.27	0.768	"	1.54		82.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.55	0.800	"	1.60		96.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.538	0.356	"	0.712		75.6	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.601	0.400	"	0.800		75.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.227	0.400	"	0.800		28.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.691	0.400	"	0.800		86.4	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.328	0.188	"	0.376		87.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.43	0.750	"	1.50		95.1	50-150				
HFPO-DA (Gen-X)	0.639	0.800	"	0.800		79.8	50-150				
11CL-PF3OUdS	0.590	0.756	"	0.756		78.1	50-150				
9CL-PF3ONS	0.651	0.748	"	0.748		87.0	50-150				
ADONA	0.716	0.756	"	0.756		94.7	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.168	0.194	"	0.388		43.2	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.395	0.192	"	0.384		103	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.45	1.00	"	1.60		90.5	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	8.21	5.00	"	8.00		103	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	7.43	5.00	"	8.00		92.9	50-150				
N-MeFOSE	3.15	2.00	"	4.00		78.8	50-150				
N-MeFOSA	0.476	0.200	"	0.400		119	50-150				
N-EtFOSE	3.02	2.00	"	4.00		75.4	50-150				
N-EtFOSA	0.324	0.200	"	0.400		80.9	50-150				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50471 - EPA 1633 Prep											
LCS (BG50471-BS2)											
Surrogate: M3PFBS	*2.52*		*ug/kg wet*	*2.33*		*108*	*25-150*				
Surrogate: M5PFHxA	*2.51*		*"*	*2.50*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.84*		*"*	*2.50*		*114*	*25-150*				
Surrogate: M3PFHxS	*2.54*		*"*	*2.37*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.60*		*"*	*2.50*		*104*	*25-150*				
Surrogate: M6PFDA	*1.14*		*"*	*1.25*		*91.3*	*25-150*				
Surrogate: M7PFUdA	*1.08*		*"*	*1.25*		*86.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.872*		*"*	*1.25*		*69.8*	*25-150*				
Surrogate: M2PFTeDA	*0.718*		*"*	*1.25*		*57.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.606*		*"*	*10.0*		*6.06*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.39*		*"*	*2.40*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.11*		*"*	*5.00*		*82.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.37*		*"*	*2.50*		*94.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.90*		*"*	*5.00*		*78.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.95*		*"*	*5.00*		*99.0*	*25-150*				
Surrogate: M2-6:2 FTS	*5.92*		*"*	*4.76*		*125*	*25-200*				
Surrogate: M2-8:2 FTS	*5.27*		*"*	*4.80*		*110*	*25-200*				
Surrogate: M9PFNA	*1.28*		*"*	*1.25*		*102*	*25-150*				
Surrogate: M2-4:2 FTS	*5.88*		*"*	*4.69*		*125*	*25-150*				
Surrogate: d-N-MeFOSA	*1.72*		*"*	*2.50*		*68.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.66*		*"*	*2.50*		*66.4*	*25-150*				
Surrogate: M3HFPO-DA	*10.1*		*"*	*10.0*		*101*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.5*		*"*	*25.0*		*58.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.0*		*"*	*25.0*		*60.2*	*25-150*				
Matrix Spike (BG50471-MS1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)										
Perfluorobutanesulfonic acid (PFBS)	4.27	0.198	ug/kg dry	3.96	ND	108	25-150				
Perfluorohexanoic acid (PFHxA)	4.72	0.224	"	4.47	ND	106	25-150				
Perfluoroheptanoic acid (PFHpA)	4.37	0.224	"	4.47	ND	97.6	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.75	0.205	"	4.09	ND	116	25-150				
Perfluorooctanoic acid (PFOA)	4.62	0.224	"	4.47	ND	103	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.90	0.208	"	4.16	ND	118	25-150				
Perfluorononanoic acid (PFNA)	5.07	0.224	"	4.47	ND	113	25-150				
Perfluorodecanoic acid (PFDA)	4.73	0.224	"	4.47	ND	106	25-150				
Perfluoroundecanoic acid (PFUnA)	4.57	0.224	"	4.47	ND	102	25-150				
Perfluorododecanoic acid (PFDoA)	4.14	0.224	"	4.47	ND	92.6	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.62	0.224	"	4.47	ND	103	25-150				
Perfluorotetradecanoic acid (PFTA)	4.44	0.224	"	4.47	ND	99.1	25-150				
N-MeFOSAA	4.49	0.224	"	4.47	ND	100	25-150				
N-EtFOSAA	4.47	0.224	"	4.47	ND	99.8	25-150				
Perfluoropentanoic acid (PFPeA)	8.83	0.447	"	8.95	ND	98.7	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.71	0.224	"	4.47	ND	105	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.10	0.224	"	4.27	ND	119	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.70	0.216	"	4.32	ND	85.7	25-150				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50471 - EPA 1633 Prep											
Matrix Spike (BG50471-MS1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)							Prepared: 07/08/2025 Analyzed: 07/10/2025			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.5	0.850	ug/kg dry	17.0	ND	103	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.4	0.859	"	17.2	ND	107	25-150				
Perfluoro-n-butanoic acid (PFBA)	15.9	0.895	"	17.9	ND	88.6	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.26	0.398	"	7.96	ND	104	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.23	0.447	"	8.95	ND	80.8	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.843	0.447	"	8.95	ND	9.42	25-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	9.88	0.447	"	8.95	ND	110	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.88	0.210	"	4.21	ND	116	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	19.0	0.839	"	16.8	ND	113	25-150				
HFPO-DA (Gen-X)	9.33	0.895	"	8.95	ND	104	25-150				
11CL-PF3OUdS	6.23	0.846	"	8.46	ND	73.7	25-150				
9CL-PF3ONS	7.92	0.837	"	8.37	ND	94.7	25-150				
ADONA	9.41	0.846	"	8.46	ND	111	25-150				
Perfluorododecanesulfonic acid (PFDoS)	3.46	0.217	"	4.34	ND	79.7	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.05	0.215	"	4.30	ND	118	25-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	10.8	1.12	"	17.9	ND	60.4	25-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	88.7	5.59	"	89.5	ND	99.1	25-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	93.0	5.59	"	89.5	ND	104	25-150				
N-MeFOSE	44.3	2.24	"	44.7	ND	99.1	25-150				
N-MeFOSA	3.45	0.224	"	4.47	ND	77.2	25-150				
N-EtFOSE	40.9	2.24	"	44.7	ND	91.4	25-150				
N-EtFOSA	3.98	0.224	"	4.47	ND	88.9	25-150				
Surrogate: M3PFBS	*2.54*		"	*2.61*		*97.6*	*25-150*				
Surrogate: M5PFHxA	*2.90*		"	*2.80*		*104*	*25-150*				
Surrogate: M4PFHpA	*3.24*		"	*2.80*		*116*	*25-150*				
Surrogate: M3PFHxS	*2.69*		"	*2.65*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.96*		"	*2.80*		*106*	*25-150*				
Surrogate: M6PFDA	*1.38*		"	*1.40*		*98.7*	*25-150*				
Surrogate: M7PFUdA	*1.27*		"	*1.40*		*90.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.984*		"	*1.40*		*70.4*	*25-150*				
Surrogate: M2PFTeDA	*0.752*		"	*1.40*		*53.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.389*		"	*11.2*		*3.48*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.50*		"	*2.68*		*93.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.99*		"	*5.59*		*71.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.51*		"	*2.80*		*89.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.08*		"	*5.59*		*72.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.72*		"	*5.59*		*84.3*	*25-150*				
Surrogate: M2-6:2 FTS	*6.19*		"	*5.32*		*116*	*25-200*				
Surrogate: M2-8:2 FTS	*5.19*		"	*5.37*		*96.6*	*25-200*				
Surrogate: M9PFNA	*1.22*		"	*1.40*		*87.4*	*25-150*				

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

York Analytical Laboratories, Inc.

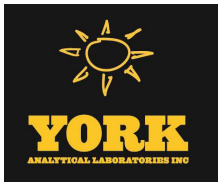
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50471 - EPA 1633 Prep											
Matrix Spike (BG50471-MS1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)								Prepared: 07/08/2025 Analyzed: 07/10/2025		
Surrogate: M2-4:2 FTS	*5.38*		*ug/kg dry*	*5.25*		*103*	*25-150*				
Surrogate: d-N-MeFOSA	*2.33*		*"*	*2.80*		*83.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.76*		*"*	*2.80*		*62.8*	*25-150*				
Surrogate: M3HFPO-DA	*11.1*		*"*	*11.2*		*98.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.2*		*"*	*28.0*		*54.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.6*		*"*	*28.0*		*55.9*	*25-150*				
Matrix Spike Dup (BG50471-MSD1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)								Prepared: 07/08/2025 Analyzed: 07/10/2025		
Perfluorobutanesulfonic acid (PFBS)	4.32	0.198	ug/kg dry	3.96	ND	109	25-150		1.29	35	
Perfluorohexanoic acid (PFHxA)	4.90	0.224	"	4.47	ND	110	25-150		3.69	35	
Perfluoroheptanoic acid (PFHpA)	4.52	0.224	"	4.47	ND	101	25-150		3.51	35	
Perfluorohexanesulfonic acid (PFHxS)	5.06	0.205	"	4.09	ND	124	25-150		6.28	35	
Perfluorooctanoic acid (PFOA)	4.79	0.224	"	4.47	ND	107	25-150		3.68	35	
Perfluorooctanesulfonic acid (PFOS)	4.41	0.208	"	4.16	ND	106	25-150		10.6	35	
Perfluorononanoic acid (PFNA)	4.75	0.224	"	4.47	ND	106	25-150		6.69	35	
Perfluorodecanoic acid (PFDA)	5.07	0.224	"	4.47	ND	113	25-150		6.94	35	
Perfluoroundecanoic acid (PFUnA)	4.86	0.224	"	4.47	ND	109	25-150		6.21	35	
Perfluorododecanoic acid (PFDoA)	4.32	0.224	"	4.47	ND	96.5	25-150		4.07	35	
Perfluorotridecanoic acid (PFTrDA)	4.84	0.224	"	4.47	ND	108	25-150		4.45	35	
Perfluorotetradecanoic acid (PFTA)	4.28	0.224	"	4.47	ND	95.8	25-150		3.47	35	
N-MeFOSAA	4.59	0.224	"	4.47	ND	103	25-150		2.24	35	
N-EtFOSAA	4.58	0.224	"	4.47	ND	102	25-150		2.39	35	
Perfluoropentanoic acid (PFPeA)	8.69	0.447	"	8.95	ND	97.1	25-150		1.63	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.80	0.224	"	4.47	ND	107	25-150		1.86	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.94	0.224	"	4.27	ND	116	25-150		3.16	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.87	0.216	"	4.32	ND	89.7	25-150		4.50	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	18.8	0.850	"	17.0	ND	110	25-150		7.01	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	19.1	0.859	"	17.2	ND	111	25-150		3.44	35	
Perfluoro-n-butanoic acid (PFBA)	14.9	0.895	"	17.9	ND	83.3	25-150		6.26	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.52	0.398	"	7.96	ND	107	25-150		3.01	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.82	0.447	"	8.95	ND	110	25-150		30.3	30	Non-dir.
Perfluoro-4-oxapentanoic acid (PFMPA)	0.632	0.447	"	8.95	ND	7.07	25-150	Low Bias	28.5	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	11.4	0.447	"	8.95	ND	128	25-150		14.7	30	
Perfluoro-1-pentanesulfonate (PFPeS)	4.90	0.210	"	4.21	ND	117	25-150		0.449	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	18.8	0.839	"	16.8	ND	112	25-150		0.910	30	
HFPO-DA (Gen-X)	9.42	0.895	"	8.95	ND	105	25-150		0.937	30	
11CL-PF3OUdS	5.97	0.846	"	8.46	ND	70.5	25-150		4.35	30	
9CL-PF3ONS	7.32	0.837	"	8.37	ND	87.5	25-150		7.92	30	
ADONA	9.36	0.846	"	8.46	ND	111	25-150		0.514	30	
Perfluorododecanesulfonic acid (PFDoS)	3.28	0.217	"	4.34	ND	75.5	25-150		5.46	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	4.66	0.215	"	4.30	ND	108	25-150		8.12	30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	8.82	1.12	"	17.9	ND	49.3	25-150		20.2	30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	86.1	5.59	"	89.5	ND	96.2	25-150		3.01	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	91.2	5.59	"	89.5	ND	102	25-150		1.96	30	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50471 - EPA 1633 Prep											
Matrix Spike Dup (BG50471-MSD1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)								Prepared: 07/08/2025 Analyzed: 07/10/2025		
N-MeFOSE	43.4	2.24	ug/kg dry	44.7	ND	97.1	25-150		2.06	30	
N-MeFOSA	3.96	0.224	"	4.47	ND	88.6	25-150		13.8	30	
N-EtFOSE	42.5	2.24	"	44.7	ND	94.9	25-150		3.84	30	
N-EtFOSA	3.98	0.224	"	4.47	ND	89.0	25-150		0.142	30	
Surrogate: M3PFBS	*2.69*		"	*2.61*		*103*	*25-150*				
Surrogate: M5PFHxA	*2.69*		"	*2.80*		*96.3*	*25-150*				
Surrogate: M4PFHpA	*3.06*		"	*2.80*		*110*	*25-150*				
Surrogate: M3PFHxS	*2.75*		"	*2.65*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.73*		"	*2.80*		*97.8*	*25-150*				
Surrogate: M6PFDA	*1.19*		"	*1.40*		*84.9*	*25-150*				
Surrogate: M7PFUdA	*1.04*		"	*1.40*		*74.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.859*		"	*1.40*		*61.4*	*25-150*				
Surrogate: M2PFTeDA	*0.705*		"	*1.40*		*50.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.291*		"	*11.2*		*2.60*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.50*		"	*2.68*		*93.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.10*		"	*5.59*		*55.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.44*		"	*2.80*		*87.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.57*		"	*5.59*		*63.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.27*		"	*5.59*		*76.4*	*25-150*				
Surrogate: M2-6:2 FTS	*6.20*		"	*5.32*		*117*	*25-200*				
Surrogate: M2-8:2 FTS	*5.19*		"	*5.37*		*96.6*	*25-200*				
Surrogate: M9PFNA	*1.25*		"	*1.40*		*89.4*	*25-150*				
Surrogate: M2-4:2 FTS	*5.74*		"	*5.25*		*109*	*25-150*				
Surrogate: d-N-MeFOSA	*1.76*		"	*2.80*		*63.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.74*		"	*2.80*		*62.2*	*25-150*				
Surrogate: M3HFPO-DA	*10.6*		"	*11.2*		*94.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.1*		"	*28.0*		*47.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.2*		"	*28.0*		*50.7*	*25-150*				

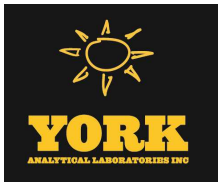
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
Blank (BG50582-BLK1)											Prepared: 07/09/2025 Analyzed: 07/11/2025
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.994	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.97	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.50*		"	*2.32*		*108*	*25-150*				
Surrogate: M5PFHxA	*2.63*		"	*2.49*		*106*	*25-150*				
Surrogate: M4PFHpA	*3.23*		"	*2.49*		*130*	*25-150*				
Surrogate: M3PFHxS	*2.75*		"	*2.36*		*117*	*25-150*				



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

York Analytical Laboratories, Inc.

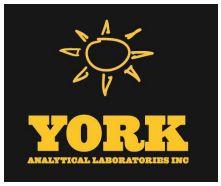
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
Blank (BG50582-BLK1)											
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.83*		*ug/kg wet*	*2.49*		*114*	*25-150*				
Surrogate: M6PFDA	*1.24*		*"*	*1.24*		*100*	*25-150*				
Surrogate: M7PFUdA	*1.07*		*"*	*1.24*		*86.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.918*		*"*	*1.24*		*73.9*	*25-150*				
Surrogate: M2PFTeDA	*0.755*		*"*	*1.24*		*60.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*7.25*		*"*	*9.94*		*72.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.65*		*"*	*2.38*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.80*		*"*	*4.97*		*96.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.04*		*"*	*2.49*		*122*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.87*		*"*	*4.97*		*57.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.24*		*"*	*4.97*		*65.1*	*25-150*				
Surrogate: M2-6:2 FTS	*6.80*		*"*	*4.73*		*144*	*25-200*				
Surrogate: M2-8:2 FTS	*6.09*		*"*	*4.77*		*128*	*25-200*				
Surrogate: M9PFNA	*1.32*		*"*	*1.24*		*107*	*25-150*				
Surrogate: M2-4:2 FTS	*6.39*		*"*	*4.66*		*137*	*25-150*				
Surrogate: d-N-MeFOSA	*2.06*		*"*	*2.49*		*83.0*	*25-150*				
Surrogate: d-N-EtFOSA	*2.04*		*"*	*2.49*		*82.2*	*25-150*				
Surrogate: M3HFPO-DA	*9.22*		*"*	*9.94*		*92.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*27.2*		*"*	*24.9*		*109*	*25-150*				
Surrogate: d7-N-MeFOSE	*27.0*		*"*	*24.9*		*109*	*25-150*				
LCS (BG50582-BS1)											
Perfluorobutanesulfonic acid (PFBS)	3.97	0.176	ug/kg wet	3.53		113	50-150				
Perfluorohexanoic acid (PFHxA)	4.41	0.199	"	3.98		111	50-150				
Perfluoroheptanoic acid (PFHpA)	3.95	0.199	"	3.98		99.2	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.37	0.182	"	3.65		120	50-150				
Perfluorooctanoic acid (PFOA)	4.28	0.199	"	3.98		107	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.98	0.185	"	3.71		108	50-150				
Perfluorononanoic acid (PFNA)	4.02	0.199	"	3.98		101	50-150				
Perfluorodecanoic acid (PFDA)	4.33	0.199	"	3.98		109	50-150				
Perfluoroundecanoic acid (PFUnA)	4.17	0.199	"	3.98		105	50-150				
Perfluorododecanoic acid (PFDoA)	4.18	0.199	"	3.98		105	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.27	0.199	"	3.98		107	50-150				
Perfluorotetradecanoic acid (PFTA)	3.91	0.199	"	3.98		98.2	50-150				
N-MeFOSAA	4.23	0.199	"	3.98		106	50-150				
N-EtFOSAA	3.90	0.199	"	3.98		98.0	50-150				
Perfluoropentanoic acid (PFPeA)	8.08	0.398	"	7.97		101	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.38	0.199	"	3.98		110	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.34	0.199	"	3.80		114	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.36	0.192	"	3.84		87.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.6	0.757	"	15.1		116	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.5	0.765	"	15.3		115	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.2	0.797	"	15.9		89.1	50-150				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
LCS (BG50582-BS1)								Prepared: 07/09/2025 Analyzed: 07/11/2025			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.81	0.355	ug/kg wet	7.09		110	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.51	0.398	"	7.97		69.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.22	0.398	"	7.97		15.3	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	11.2	0.398	"	7.97		141	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.53	0.187	"	3.75		121	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.8	0.747	"	14.9		106	50-150				
HFPO-DA (Gen-X)	7.95	0.797	"	7.97		99.7	50-150				
11CL-PF3OUdS	6.89	0.753	"	7.53		91.6	50-150				
9CL-PF3ONS	8.44	0.745	"	7.45		113	50-150				
ADONA	9.10	0.753	"	7.53		121	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.61	0.193	"	3.86		67.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.47	0.191	"	3.82		117	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	10.2	0.996	"	15.9		63.7	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	100	4.98	"	79.7		126	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	96.9	4.98	"	79.7		122	50-150				
N-MeFOSE	39.8	1.99	"	39.8		99.9	50-150				
N-MeFOSA	3.52	0.199	"	3.98		88.4	50-150				
N-EtFOSE	37.1	1.99	"	39.8		93.0	50-150				
N-EtFOSA	3.71	0.199	"	3.98		93.1	50-150				
Surrogate: M3PFBS	*2.46*		"	*2.32*		*106*	*25-150*				
Surrogate: M5PFHxA	*2.68*		"	*2.49*		*108*	*25-150*				
Surrogate: M4PFHpA	*3.08*		"	*2.49*		*124*	*25-150*				
Surrogate: M3PFHxS	*2.65*		"	*2.36*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.77*		"	*2.49*		*111*	*25-150*				
Surrogate: M6PFDA	*1.27*		"	*1.25*		*102*	*25-150*				
Surrogate: M7PFUdA	*1.12*		"	*1.25*		*89.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.880*		"	*1.25*		*70.7*	*25-150*				
Surrogate: M2PFTeDA	*0.783*		"	*1.25*		*62.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.337*		"	*9.96*		*3.38*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.62*		"	*2.39*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.83*		"	*4.98*		*56.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.95*		"	*2.49*		*118*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.07*		"	*4.98*		*61.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.23*		"	*4.98*		*64.8*	*25-150*				
Surrogate: M2-6:2 FTS	*5.91*		"	*4.74*		*125*	*25-200*				
Surrogate: M2-8:2 FTS	*5.51*		"	*4.78*		*115*	*25-200*				
Surrogate: M9PFNA	*1.43*		"	*1.25*		*115*	*25-150*				
Surrogate: M2-4:2 FTS	*5.89*		"	*4.67*		*126*	*25-150*				
Surrogate: d-N-MeFOSA	*2.06*		"	*2.49*		*82.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.81*		"	*2.49*		*72.7*	*25-150*				
Surrogate: M3HFPO-DA	*9.24*		"	*9.96*		*92.8*	*25-150*				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
LCS (BG50582-BS1)								Prepared: 07/09/2025 Analyzed: 07/11/2025			
Surrogate: d9-N-EtFOSE	*24.7*		*ug/kg wet*	*24.9*		*99.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*26.0*		*"*	*24.9*		*104*	*25-150*				
LCS (BG50582-BS2)								Prepared: 07/09/2025 Analyzed: 07/11/2025			
Perfluorobutanesulfonic acid (PFBS)	0.409	0.177	ug/kg wet	0.354		115	50-150				
Perfluorohexanoic acid (PFHxA)	0.376	0.200	"	0.400		93.9	50-150				
Perfluoroheptanoic acid (PFHpA)	0.374	0.200	"	0.400		93.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.400	0.183	"	0.366		109	50-150				
Perfluorooctanoic acid (PFOA)	0.388	0.200	"	0.400		96.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.345	0.186	"	0.372		92.7	50-150				
Perfluorononanoic acid (PFNA)	0.405	0.200	"	0.400		101	50-150				
Perfluorodecanoic acid (PFDA)	0.364	0.200	"	0.400		91.0	50-150				
Perfluoroundecanoic acid (PFUnA)	0.397	0.200	"	0.400		99.4	50-150				
Perfluorododecanoic acid (PFDoA)	0.371	0.200	"	0.400		92.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.336	0.200	"	0.400		84.0	50-150				
Perfluorotetradecanoic acid (PFTA)	0.365	0.200	"	0.400		91.3	50-150				
N-MeFOSAA	0.394	0.200	"	0.400		98.5	50-150				
N-EtFOSAA	0.457	0.200	"	0.400		114	50-150				
Perfluoropentanoic acid (PFPeA)	0.757	0.400	"	0.800		94.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.449	0.200	"	0.400		112	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.436	0.200	"	0.382		114	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.405	0.193	"	0.386		105	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.41	0.760	"	1.52		92.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.77	0.768	"	1.54		115	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.51	0.800	"	1.60		94.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.654	0.356	"	0.712		91.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.519	0.400	"	0.800		64.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.211	0.400	"	0.800		26.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.822	0.400	"	0.800		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.341	0.188	"	0.376		90.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.40	0.750	"	1.50		93.5	50-150				
HFPO-DA (Gen-X)	0.620	0.800	"	0.800		77.6	50-150				
11CL-PF3OUdS	0.678	0.756	"	0.756		89.7	50-150				
9CL-PF3ONS	0.795	0.748	"	0.748		106	50-150				
ADONA	0.813	0.756	"	0.756		108	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.365	0.194	"	0.388		94.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.386	0.192	"	0.384		100	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.07	1.00	"	1.60		67.2	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	9.31	5.00	"	8.00		116	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	8.88	5.00	"	8.00		111	50-150				
N-MeFOSE	3.45	2.00	"	4.00		86.3	50-150				
N-MeFOSA	0.416	0.200	"	0.400		104	50-150				
N-EtFOSE	3.27	2.00	"	4.00		81.8	50-150				
N-EtFOSA	0.406	0.200	"	0.400		101	50-150				

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

York Analytical Laboratories, Inc.

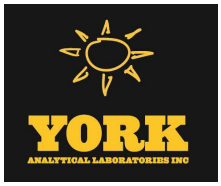
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
LCS (BG50582-BS2)											
Surrogate: M3PFBS	*2.65*		*ug/kg wet*	*2.33*		*114*	*25-150*				
Surrogate: M5PFHxA	*2.78*		*"*	*2.50*		*111*	*25-150*				
Surrogate: M4PFHpA	*3.23*		*"*	*2.50*		*129*	*25-150*				
Surrogate: M3PFHxS	*2.83*		*"*	*2.37*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.86*		*"*	*2.50*		*114*	*25-150*				
Surrogate: M6PFDA	*1.28*		*"*	*1.25*		*102*	*25-150*				
Surrogate: M7PFUdA	*1.16*		*"*	*1.25*		*93.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.862*		*"*	*1.25*		*68.9*	*25-150*				
Surrogate: M2PFTeDA	*0.695*		*"*	*1.25*		*55.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.491*		*"*	*10.0*		*4.91*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.72*		*"*	*2.40*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.46*		*"*	*5.00*		*89.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.16*		*"*	*2.50*		*126*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.68*		*"*	*5.00*		*73.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.59*		*"*	*5.00*		*71.9*	*25-150*				
Surrogate: M2-6:2 FTS	*6.80*		*"*	*4.76*		*143*	*25-200*				
Surrogate: M2-8:2 FTS	*6.13*		*"*	*4.80*		*128*	*25-200*				
Surrogate: M9PFNA	*1.28*		*"*	*1.25*		*103*	*25-150*				
Surrogate: M2-4:2 FTS	*6.90*		*"*	*4.69*		*147*	*25-150*				
Surrogate: d-N-MeFOSA	*2.29*		*"*	*2.50*		*91.5*	*25-150*				
Surrogate: d-N-EtFOSA	*2.02*		*"*	*2.50*		*80.7*	*25-150*				
Surrogate: M3HFPO-DA	*9.96*		*"*	*10.0*		*99.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*27.7*		*"*	*25.0*		*111*	*25-150*				
Surrogate: d7-N-MeFOSE	*28.5*		*"*	*25.0*		*114*	*25-150*				
Matrix Spike (BG50582-MS2)	*Source sample: 25G0333-30 (PCI-B-22-1.0-2.0)										
Perfluorobutanesulfonic acid (PFBS)	4.03	0.189	ug/kg dry	3.78	ND	107	25-150				
Perfluorohexanoic acid (PFHxA)	4.56	0.213	"	4.27	ND	107	25-150				
Perfluoroheptanoic acid (PFHpA)	4.27	0.213	"	4.27	ND	100	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.84	0.195	"	3.90	ND	124	25-150				
Perfluorooctanoic acid (PFOA)	4.35	0.213	"	4.27	ND	102	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.62	0.198	"	3.97	ND	116	25-150				
Perfluorononanoic acid (PFNA)	4.43	0.213	"	4.27	ND	104	25-150				
Perfluorodecanoic acid (PFDA)	4.82	0.213	"	4.27	0.349	105	25-150				
Perfluoroundecanoic acid (PFUnA)	4.55	0.213	"	4.27	ND	107	25-150				
Perfluorododecanoic acid (PFDoA)	3.97	0.213	"	4.27	ND	93.0	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.86	0.213	"	4.27	ND	114	25-150				
Perfluorotetradecanoic acid (PFTA)	4.44	0.213	"	4.27	ND	104	25-150				
N-MeFOSAA	4.04	0.213	"	4.27	ND	94.6	25-150				
N-EtFOSAA	4.11	0.213	"	4.27	ND	96.4	25-150				
Perfluoropentanoic acid (PFPeA)	8.41	0.427	"	8.53	ND	98.5	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.32	0.213	"	4.27	ND	101	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.62	0.213	"	4.07	ND	113	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.27	0.206	"	4.12	ND	104	25-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
Matrix Spike (BG50582-MS2)	*Source sample: 25G0333-30 (PCI-B-22-1.0-2.0)							Prepared: 07/09/2025 Analyzed: 07/11/2025			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.3	0.811	ug/kg dry	16.2	ND	107	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.5	0.819	"	16.4	ND	107	25-150				
Perfluoro-n-butanoic acid (PFBA)	16.8	0.853	"	17.1	ND	98.5	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.13	0.380	"	7.59	ND	107	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.09	0.427	"	8.53	ND	59.6	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.867	0.427	"	8.53	ND	10.2	25-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	10.4	0.427	"	8.53	ND	122	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.88	0.201	"	4.01	ND	122	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.7	0.800	"	16.0	ND	111	25-150				
HFPO-DA (Gen-X)	7.87	0.853	"	8.53	ND	92.3	25-150				
11CL-PF3OUdS	6.47	0.806	"	8.06	ND	80.2	25-150				
9CL-PF3ONS	7.81	0.798	"	7.98	ND	97.8	25-150				
ADONA	8.60	0.806	"	8.06	ND	107	25-150				
Perfluorododecanesulfonic acid (PFDoS)	3.36	0.207	"	4.14	ND	81.3	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.96	0.205	"	4.10	ND	121	25-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	10.1	1.07	"	17.1	ND	59.2	25-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	99.1	5.33	"	85.3	ND	116	25-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	112	5.33	"	85.3	ND	132	25-150				
N-MeFOSE	40.7	2.13	"	42.7	ND	95.4	25-150				
N-MeFOSA	3.96	0.213	"	4.27	ND	92.9	25-150				
N-EtFOSE	39.2	2.13	"	42.7	ND	92.0	25-150				
N-EtFOSA	3.51	0.213	"	4.27	ND	82.2	25-150				
Surrogate: M3PFBS	*2.47*		"	*2.49*		*99.5*	*25-150*				
Surrogate: M5PFHxA	*2.83*		"	*2.67*		*106*	*25-150*				
Surrogate: M4PFHpA	*3.14*		"	*2.67*		*118*	*25-150*				
Surrogate: M3PFHxS	*2.54*		"	*2.53*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.93*		"	*2.67*		*110*	*25-150*				
Surrogate: M6PFDA	*1.45*		"	*1.33*		*109*	*25-150*				
Surrogate: M7PFUdA	*1.36*		"	*1.33*		*102*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.11*		"	*1.33*		*83.2*	*25-150*				
Surrogate: M2PFTeDA	*0.822*		"	*1.33*		*61.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.492*		"	*10.7*		*4.61*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.57*		"	*2.55*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.46*		"	*5.33*		*64.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.95*		"	*2.67*		*111*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.87*		"	*5.33*		*72.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.88*		"	*5.33*		*72.7*	*25-150*				
Surrogate: M2-6:2 FTS	*7.11*		"	*5.07*		*140*	*25-200*				
Surrogate: M2-8:2 FTS	*5.61*		"	*5.12*		*110*	*25-200*				
Surrogate: M9PFNA	*1.33*		"	*1.33*		*100*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
Matrix Spike (BG50582-MS2)	*Source sample: 25G0333-30 (PCI-B-22-1.0-2.0)									Prepared: 07/09/2025 Analyzed: 07/11/2025	
Surrogate: M2-4:2 FTS	*5.67*		*ug/kg dry*	*5.00*		*113*	*25-150*				
Surrogate: d-N-MeFOSA	*2.18*		*"*	*2.67*		*81.8*	*25-150*				
Surrogate: d-N-EtFOSA	*2.08*		*"*	*2.67*		*77.9*	*25-150*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*10.7*		*100*	*25-150*				
Surrogate: d9-N-EtFOSE	*21.1*		*"*	*26.7*		*79.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*21.2*		*"*	*26.7*		*79.6*	*25-150*				
Matrix Spike (BG50582-MS3)	*Source sample: 25G0333-34 (PCI-B-19-1.0-2.0)									Prepared: 07/09/2025 Analyzed: 07/11/2025	
Perfluorobutanesulfonic acid (PFBS)	3.90	0.186	ug/kg dry	3.72	ND	105	25-150				
Perfluorohexanoic acid (PFHxA)	4.37	0.210	"	4.20	ND	104	25-150				
Perfluoroheptanoic acid (PFHpA)	4.19	0.210	"	4.20	ND	99.6	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.27	0.192	"	3.84	ND	111	25-150				
Perfluorooctanoic acid (PFOA)	4.09	0.210	"	4.20	ND	97.3	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.39	0.195	"	3.91	ND	112	25-150				
Perfluorononanoic acid (PFNA)	4.05	0.210	"	4.20	ND	96.3	25-150				
Perfluorodecanoic acid (PFDA)	4.40	0.210	"	4.20	ND	105	25-150				
Perfluoroundecanoic acid (PFUnA)	4.13	0.210	"	4.20	ND	98.2	25-150				
Perfluorododecanoic acid (PFDoA)	3.83	0.210	"	4.20	ND	91.0	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.75	0.210	"	4.20	ND	113	25-150				
Perfluorotetradecanoic acid (PFTA)	4.16	0.210	"	4.20	ND	99.1	25-150				
N-MeFOSAA	4.32	0.210	"	4.20	ND	103	25-150				
N-EtFOSAA	4.17	0.210	"	4.20	ND	99.1	25-150				
Perfluoropentanoic acid (PFPeA)	8.10	0.420	"	8.40	ND	96.4	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.04	0.210	"	4.20	ND	96.2	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.95	0.210	"	4.01	ND	123	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.09	0.203	"	4.06	ND	101	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.9	0.798	"	16.0	ND	99.5	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16.8	0.807	"	16.1	ND	104	25-150				
Perfluoro-n-butanoic acid (PFBA)	14.9	0.840	"	16.8	ND	88.9	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.69	0.374	"	7.48	ND	103	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.39	0.420	"	8.40	ND	64.2	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.770	0.420	"	8.40	ND	9.16	25-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	9.07	0.420	"	8.40	ND	108	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.46	0.197	"	3.95	ND	113	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	18.5	0.788	"	15.8	ND	118	25-150				
HFPO-DA (Gen-X)	8.27	0.840	"	8.40	ND	98.4	25-150				
11CL-PF3OUdS	6.56	0.794	"	7.94	ND	82.6	25-150				
9CL-PF3ONS	7.67	0.786	"	7.86	ND	97.6	25-150				
ADONA	8.69	0.794	"	7.94	ND	109	25-150				
Perfluorododecanesulfonic acid (PFDoS)	3.41	0.204	"	4.08	ND	83.7	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.04	0.202	"	4.03	ND	125	25-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	9.93	1.05	"	16.8	ND	59.1	25-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	95.0	5.25	"	84.0	ND	113	25-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	108	5.25	"	84.0	ND	128	25-150				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
Matrix Spike (BG50582-MS3)	*Source sample: 25G0333-34 (PCI-B-19-1.0-2.0)										Prepared: 07/09/2025 Analyzed: 07/11/2025
N-MeFOSE	39.2	2.10	ug/kg dry	42.0	ND	93.2	25-150				
N-MeFOSA	3.53	0.210	"	4.20	ND	84.0	25-150				
N-EtFOSE	37.6	2.10	"	42.0	ND	89.6	25-150				
N-EtFOSA	3.59	0.210	"	4.20	ND	85.4	25-150				
Surrogate: M3PFBS	*2.35*		"	*2.45*		*95.8*	*25-150*				
Surrogate: M5PFHxA	*2.96*		"	*2.63*		*113*	*25-150*				
Surrogate: M4PFHpA	*3.17*		"	*2.63*		*121*	*25-150*				
Surrogate: M3PFHxS	*2.55*		"	*2.49*		*103*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.04*		"	*2.63*		*116*	*25-150*				
Surrogate: M6PFDA	*1.38*		"	*1.31*		*105*	*25-150*				
Surrogate: M7PFUdA	*1.41*		"	*1.31*		*108*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.14*		"	*1.31*		*86.5*	*25-150*				
Surrogate: M2PFTeDA	*0.854*		"	*1.31*		*65.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.433*		"	*10.5*		*4.12*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.59*		"	*2.52*		*103*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.18*		"	*5.25*		*79.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.25*		"	*2.63*		*124*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.85*		"	*5.25*		*73.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.18*		"	*5.25*		*79.6*	*25-150*				
Surrogate: M2-6:2 FTS	*7.45*		"	*5.00*		*149*	*25-200*				
Surrogate: M2-8:2 FTS	*5.43*		"	*5.04*		*108*	*25-200*				
Surrogate: M9PFNA	*1.33*		"	*1.31*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*5.42*		"	*4.93*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*2.40*		"	*2.63*		*91.5*	*25-150*				
Surrogate: d-N-EtFOSA	*2.19*		"	*2.63*		*83.5*	*25-150*				
Surrogate: M3HFPO-DA	*10.7*		"	*10.5*		*101*	*25-150*				
Surrogate: d9-N-EtFOSE	*23.9*		"	*26.3*		*90.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*24.2*		"	*26.3*		*92.2*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
Matrix Spike Dup (BG50582-MSD2)	*Source sample: 25G0333-30 (PCI-B-22-1.0-2.0)								Prepared: 07/09/2025 Analyzed: 07/11/2025		
Perfluorobutanesulfonic acid (PFBS)	4.25	0.189	ug/kg dry	3.78	ND	113	25-150		5.29	35	
Perfluorohexanoic acid (PFHxA)	4.71	0.213	"	4.27	ND	111	25-150		3.34	35	
Perfluoroheptanoic acid (PFHpA)	4.24	0.213	"	4.27	ND	99.4	25-150		0.641	35	
Perfluorohexanesulfonic acid (PFHxS)	4.20	0.195	"	3.90	ND	108	25-150		14.0	35	
Perfluorooctanoic acid (PFOA)	4.20	0.213	"	4.27	ND	98.4	25-150		3.56	35	
Perfluorooctanesulfonic acid (PFOS)	4.63	0.198	"	3.97	ND	117	25-150		0.258	35	
Perfluorononanoic acid (PFNA)	4.40	0.213	"	4.27	ND	103	25-150		0.705	35	
Perfluorodecanoic acid (PFDA)	5.46	0.213	"	4.27	0.349	120	25-150		12.4	35	
Perfluoroundecanoic acid (PFUnA)	4.35	0.213	"	4.27	ND	102	25-150		4.46	35	
Perfluorododecanoic acid (PFDoA)	4.05	0.213	"	4.27	ND	94.8	25-150		1.91	35	
Perfluorotridecanoic acid (PFTrDA)	5.06	0.213	"	4.27	ND	119	25-150		3.99	35	
Perfluorotetradecanoic acid (PFTA)	4.57	0.213	"	4.27	ND	107	25-150		2.89	35	
N-MeFOSAA	3.87	0.213	"	4.27	ND	90.7	25-150		4.23	35	
N-EtFOSAA	4.15	0.213	"	4.27	ND	97.2	25-150		0.846	35	
Perfluoropentanoic acid (PFPeA)	8.42	0.427	"	8.53	ND	98.6	25-150		0.0989	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.45	0.213	"	4.27	ND	104	25-150		2.78	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.68	0.213	"	4.07	ND	115	25-150		1.22	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.09	0.206	"	4.12	ND	99.4	25-150		4.25	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	19.1	0.811	"	16.2	ND	118	25-150		9.92	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.3	0.819	"	16.4	ND	105	25-150		1.10	35	
Perfluoro-n-butanoic acid (PFBA)	15.8	0.853	"	17.1	ND	92.5	25-150		6.23	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.47	0.380	"	7.59	ND	112	25-150		4.10	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.33	0.427	"	8.53	ND	74.2	25-150		21.9	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	0.783	0.427	"	8.53	ND	9.18	25-150	Low Bias	10.1	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	9.88	0.427	"	8.53	ND	116	25-150		5.49	30	
Perfluoro-1-pentanesulfonate (PFPeS)	4.45	0.201	"	4.01	ND	111	25-150		9.18	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	19.2	0.800	"	16.0	ND	120	25-150		7.80	30	
HFPO-DA (Gen-X)	6.95	0.853	"	8.53	ND	81.4	25-150		12.5	30	
11CL-PF3OUdS	6.11	0.806	"	8.06	ND	75.8	25-150		5.70	30	
9CL-PF3ONS	7.36	0.798	"	7.98	ND	92.2	25-150		5.91	30	
ADONA	8.52	0.806	"	8.06	ND	106	25-150		0.880	30	
Perfluorododecanesulfonic acid (PFDoS)	3.71	0.207	"	4.14	ND	89.7	25-150		9.86	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	5.30	0.205	"	4.10	ND	129	25-150		6.60	30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	10.1	1.07	"	17.1	ND	59.4	25-150		0.294	30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	103	5.33	"	85.3	ND	121	25-150		3.80	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	119	5.33	"	85.3	ND	140	25-150		6.03	30	
N-MeFOSE	41.8	2.13	"	42.7	ND	98.0	25-150		2.68	30	
N-MeFOSA	3.62	0.213	"	4.27	ND	84.9	25-150		8.99	30	
N-EtFOSE	38.8	2.13	"	42.7	ND	90.9	25-150		1.21	30	
N-EtFOSA	3.88	0.213	"	4.27	ND	91.0	25-150		10.2	30	
Surrogate: M3PFBS	*2.75*		"	*2.49*		*111*	*25-150*				
Surrogate: M5PFHxA	*2.79*		"	*2.67*		*105*	*25-150*				
Surrogate: M4PFHpA	*3.21*		"	*2.67*		*120*	*25-150*				
Surrogate: M3PFHxS	*3.14*		"	*2.53*		*124*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
Matrix Spike Dup (BG50582-MSD2)	*Source sample: 25G0333-30 (PCI-B-22-1.0-2.0)								Prepared: 07/09/2025 Analyzed: 07/11/2025		
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.92*		*ug/kg dry*	*2.67*		*110*	*25-150*				
Surrogate: M6PFDA	*1.21*		*"*	*1.33*		*90.4*	*25-150*				
Surrogate: M7PFUdA	*1.29*		*"*	*1.33*		*96.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.03*		*"*	*1.33*		*77.1*	*25-150*				
Surrogate: M2PFTeDA	*0.728*		*"*	*1.33*		*54.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.398*		*"*	*10.7*		*3.73*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.43*		*"*	*2.55*		*95.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.90*		*"*	*5.33*		*73.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.86*		*"*	*2.67*		*107*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.83*		*"*	*5.33*		*71.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.87*		*"*	*5.33*		*72.7*	*25-150*				
Surrogate: M2-6:2 FTS	*7.63*		*"*	*5.07*		*150*	*25-200*				
Surrogate: M2-8:2 FTS	*6.63*		*"*	*5.12*		*129*	*25-200*				
Surrogate: M9PFNA	*1.27*		*"*	*1.33*		*95.2*	*25-150*				
Surrogate: M2-4:2 FTS	*5.98*		*"*	*5.00*		*120*	*25-150*				
Surrogate: d-N-MeFOSA	*2.16*		*"*	*2.67*		*81.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.84*		*"*	*2.67*		*68.9*	*25-150*				
Surrogate: M3HFPO-DA	*11.0*		*"*	*10.7*		*103*	*25-150*				
Surrogate: d9-N-EtFOSE	*20.2*		*"*	*26.7*		*75.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.0*		*"*	*26.7*		*74.9*	*25-150*				
Matrix Spike Dup (BG50582-MSD3)	*Source sample: 25G0333-34 (PCI-B-19-1.0-2.0)								Prepared: 07/09/2025 Analyzed: 07/11/2025		
Perfluorobutanesulfonic acid (PFBS)	3.80	0.186	ug/kg dry	3.72	ND	102	25-150		2.67	35	
Perfluorohexanoic acid (PFHxA)	4.38	0.210	"	4.20	ND	104	25-150		0.214	35	
Perfluoroheptanoic acid (PFHpA)	4.05	0.210	"	4.20	ND	96.5	25-150		3.24	35	
Perfluorohexanesulfonic acid (PFHxS)	4.34	0.192	"	3.84	ND	113	25-150		1.43	35	
Perfluorooctanoic acid (PFOA)	4.10	0.210	"	4.20	ND	97.6	25-150		0.315	35	
Perfluorooctanesulfonic acid (PFOS)	4.14	0.195	"	3.91	ND	106	25-150		5.76	35	
Perfluorononanoic acid (PFNA)	4.43	0.210	"	4.20	ND	105	25-150		8.92	35	
Perfluorodecanoic acid (PFDA)	4.57	0.210	"	4.20	ND	109	25-150		3.69	35	
Perfluoroundecanoic acid (PFUnA)	3.98	0.210	"	4.20	ND	94.6	25-150		3.77	35	
Perfluorododecanoic acid (PFDoA)	3.92	0.210	"	4.20	ND	93.3	25-150		2.43	35	
Perfluorotridecanoic acid (PFTrDA)	4.67	0.210	"	4.20	ND	111	25-150		1.68	35	
Perfluorotetradecanoic acid (PFTA)	4.25	0.210	"	4.20	ND	101	25-150		2.08	35	
N-MeFOSAA	4.33	0.210	"	4.20	ND	103	25-150		0.128	35	
N-EtFOSAA	4.57	0.210	"	4.20	ND	109	25-150		9.29	35	
Perfluoropentanoic acid (PFPeA)	8.20	0.420	"	8.40	ND	97.5	25-150		1.18	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.25	0.210	"	4.20	ND	101	25-150		5.14	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.63	0.210	"	4.01	ND	115	25-150		6.75	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.06	0.203	"	4.06	ND	100	25-150		0.770	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.7	0.798	"	16.0	ND	98.3	25-150		1.23	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16.6	0.807	"	16.1	ND	103	25-150		1.18	35	
Perfluoro-n-butanoic acid (PFBA)	15.4	0.840	"	16.8	ND	91.7	25-150		3.04	35	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
Matrix Spike Dup (BG50582-MSD3)	*Source sample: 25G0333-34 (PCI-B-19-1.0-2.0)								Prepared: 07/09/2025 Analyzed: 07/11/2025		
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.77	0.374	ug/kg dry	7.48	ND	104	25-150		1.08	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.07	0.420	"	8.40	ND	72.2	25-150		11.8	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	0.653	0.420	"	8.40	ND	7.77	25-150	Low Bias	16.4	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	10.3	0.420	"	8.40	ND	122	25-150		12.4	30	
Perfluoro-1-pentanesulfonate (PFPeS)	4.61	0.197	"	3.95	ND	117	25-150		3.25	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	16.0	0.788	"	15.8	ND	101	25-150		14.8	30	
HFPO-DA (Gen-X)	8.01	0.840	"	8.40	ND	95.3	25-150		3.28	30	
11CL-PF3OUdS	6.24	0.794	"	7.94	ND	78.6	25-150		4.93	30	
9CL-PF3ONS	7.58	0.786	"	7.86	ND	96.4	25-150		1.17	30	
ADONA	8.51	0.794	"	7.94	ND	107	25-150		2.12	30	
Perfluorododecanesulfonic acid (PFDoS)	3.35	0.204	"	4.08	ND	82.3	25-150		1.75	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	4.90	0.202	"	4.03	ND	122	25-150		2.71	30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	8.98	1.05	"	16.8	ND	53.4	25-150		10.1	30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	97.1	5.25	"	84.0	ND	115	25-150		2.18	30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	108	5.25	"	84.0	ND	129	25-150		0.437	30	
N-MeFOSE	39.2	2.10	"	42.0	ND	93.3	25-150		0.122	30	
N-MeFOSA	3.66	0.210	"	4.20	ND	87.0	25-150		3.52	30	
N-EtFOSE	39.5	2.10	"	42.0	ND	93.9	25-150		4.76	30	
N-EtFOSA	3.38	0.210	"	4.20	ND	80.5	25-150		5.88	30	
Surrogate: M3PFBS	*2.79*		"	*2.45*		*114*	*25-150*				
Surrogate: M5PFHxA	*2.94*		"	*2.63*		*112*	*25-150*				
Surrogate: M4PFHpA	*3.28*		"	*2.63*		*125*	*25-150*				
Surrogate: M3PFHxS	*2.96*		"	*2.49*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.08*		"	*2.63*		*117*	*25-150*				
Surrogate: M6PFDA	*1.33*		"	*1.31*		*101*	*25-150*				
Surrogate: M7PFUdA	*1.36*		"	*1.31*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.09*		"	*1.31*		*82.7*	*25-150*				
Surrogate: M2PFTeDA	*0.839*		"	*1.31*		*63.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.367*		"	*10.5*		*3.50*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.60*		"	*2.52*		*103*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.53*		"	*5.25*		*67.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.08*		"	*2.63*		*117*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.83*		"	*5.25*		*72.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.86*		"	*5.25*		*73.5*	*25-150*				
Surrogate: M2-6:2 FTS	*8.58*		"	*5.00*		*172*	*25-200*				
Surrogate: M2-8:2 FTS	*6.44*		"	*5.04*		*128*	*25-200*				
Surrogate: M9PFNA	*1.31*		"	*1.31*		*99.9*	*25-150*				
Surrogate: M2-4:2 FTS	*7.00*		"	*4.93*		*142*	*25-150*				
Surrogate: d-N-MeFOSA	*2.24*		"	*2.63*		*85.4*	*25-150*				
Surrogate: d-N-EtFOSA	*2.27*		"	*2.63*		*86.3*	*25-150*				
Surrogate: M3HFPO-DA	*11.0*		"	*10.5*		*105*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50582 - EPA 1633 Prep											
Matrix Spike Dup (BG50582-MSD3)	*Source sample: 25G0333-34 (PCI-B-19-1.0-2.0)										Prepared: 07/09/2025 Analyzed: 07/11/2025
Surrogate: d9-N-EtFOSE	*22.0*		*ug/kg dry*	*26.3*		*84.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*23.6*		*"*	*26.3*		*89.8*	*25-150*				
Batch BG50798 - EPA 1633 Prep											
Blank (BG50798-BLK1)											Prepared: 07/11/2025 Analyzed: 07/14/2025
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.992	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.96	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								

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

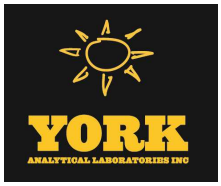
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50798 - EPA 1633 Prep											
Blank (BG50798-BLK1)											Prepared: 07/11/2025 Analyzed: 07/14/2025
N-EtFOSA	ND	0.198	ug/kg wet								
Surrogate: M3PFBS	*2.51*		"	*2.31*		*108*	*25-150*				
Surrogate: M5PFHxA	*2.14*		"	*2.48*		*86.3*	*25-150*				
Surrogate: M4PFHpA	*2.40*		"	*2.48*		*96.6*	*25-150*				
Surrogate: M3PFHxS	*2.61*		"	*2.35*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.30*		"	*2.48*		*92.7*	*25-150*				
Surrogate: M6PFDA	*0.975*		"	*1.24*		*78.7*	*25-150*				
Surrogate: M7PFUdA	*0.868*		"	*1.24*		*70.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.652*		"	*1.24*		*52.6*	*25-150*				
Surrogate: M2PFTeDA	*0.518*		"	*1.24*		*41.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.428*		"	*9.92*		*4.32*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.03*		"	*2.38*		*85.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.82*		"	*4.96*		*56.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.50*		"	*2.48*		*101*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.66*		"	*4.96*		*53.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.75*		"	*4.96*		*55.3*	*25-150*				
Surrogate: M2-6:2 FTS	*7.83*		"	*4.72*		*166*	*25-200*				
Surrogate: M2-8:2 FTS	*4.88*		"	*4.76*		*103*	*25-200*				
Surrogate: M9PFNA	*1.07*		"	*1.24*		*86.0*	*25-150*				
Surrogate: M2-4:2 FTS	*7.38*		"	*4.65*		*159*	*25-150*				
Surrogate: d-N-MeFOSA	*1.78*		"	*2.48*		*71.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.51*		"	*2.48*		*60.8*	*25-150*				
Surrogate: M3HFPO-DA	*8.03*		"	*9.92*		*80.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*16.1*		"	*24.8*		*64.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.6*		"	*24.8*		*66.9*	*25-150*				
LCS (BG50798-BS1)											Prepared: 07/11/2025 Analyzed: 07/14/2025
Perfluorobutanesulfonic acid (PFBS)	3.63	0.177	ug/kg wet	3.53		103	50-150				
Perfluorohexanoic acid (PFHxA)	4.22	0.200	"	3.99		106	50-150				
Perfluoroheptanoic acid (PFHpA)	4.07	0.200	"	3.99		102	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.12	0.183	"	3.65		113	50-150				
Perfluorooctanoic acid (PFOA)	3.90	0.200	"	3.99		97.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.13	0.186	"	3.71		111	50-150				
Perfluorononanoic acid (PFNA)	4.16	0.200	"	3.99		104	50-150				
Perfluorodecanoic acid (PFDA)	4.52	0.200	"	3.99		113	50-150				
Perfluoroundecanoic acid (PFUnA)	3.84	0.200	"	3.99		96.2	50-150				
Perfluorododecanoic acid (PFDoA)	3.92	0.200	"	3.99		98.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.26	0.200	"	3.99		107	50-150				
Perfluorotetradecanoic acid (PFTA)	3.76	0.200	"	3.99		94.1	50-150				
N-MeFOSAA	4.35	0.200	"	3.99		109	50-150				
N-EtFOSAA	3.64	0.200	"	3.99		91.2	50-150				
Perfluoropentanoic acid (PFPeA)	7.65	0.399	"	7.98		95.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.95	0.200	"	3.99		98.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.74	0.200	"	3.81		124	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.19	0.193	"	3.85		82.9	50-150				

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

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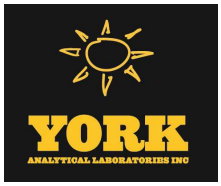
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50798 - EPA 1633 Prep											
LCS (BG50798-BS1)								Prepared: 07/11/2025 Analyzed: 07/14/2025			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.7	0.758	ug/kg wet	15.2		104	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16.3	0.766	"	15.3		106	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.6	0.798	"	16.0		97.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.44	0.355	"	7.11		105	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.04	0.399	"	7.98		75.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.995	0.399	"	7.98		12.5	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.29	0.399	"	7.98		104	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.30	0.188	"	3.75		115	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	16.9	0.749	"	15.0		113	50-150				
HFPO-DA (Gen-X)	7.95	0.798	"	7.98		99.6	50-150				
11CL-PF3OUdS	4.99	0.754	"	7.54		66.2	50-150				
9CL-PF3ONS	6.44	0.747	"	7.47		86.2	50-150				
ADONA	8.17	0.754	"	7.54		108	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.97	0.194	"	3.87		76.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.45	0.192	"	3.83		116	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	10.9	0.998	"	16.0		68.4	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	89.3	4.99	"	79.8		112	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	84.2	4.99	"	79.8		105	50-150				
N-MeFOSE	38.9	2.00	"	39.9		97.4	50-150				
N-MeFOSA	2.88	0.200	"	3.99		72.0	50-150				
N-EtFOSE	35.7	2.00	"	39.9		89.4	50-150				
N-EtFOSA	3.38	0.200	"	3.99		84.6	50-150				
Surrogate: M3PFBS	*2.72*		"	*2.33*		*117*	*25-150*				
Surrogate: M5PFHxA	*2.52*		"	*2.50*		*101*	*25-150*				
Surrogate: M4PFHpA	*2.78*		"	*2.50*		*111*	*25-150*				
Surrogate: M3PFHxS	*2.78*		"	*2.37*		*117*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.78*		"	*2.50*		*112*	*25-150*				
Surrogate: M6PFDA	*1.16*		"	*1.25*		*92.9*	*25-150*				
Surrogate: M7PFUdA	*1.12*		"	*1.25*		*89.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.852*		"	*1.25*		*68.3*	*25-150*				
Surrogate: M2PFTeDA	*0.728*		"	*1.25*		*58.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.515*		"	*9.98*		*5.16*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		"	*2.39*		*98.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.80*		"	*4.99*		*76.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.84*		"	*2.50*		*114*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.01*		"	*4.99*		*60.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.17*		"	*4.99*		*63.5*	*25-150*				
Surrogate: M2-6:2 FTS	*7.21*		"	*4.75*		*152*	*25-200*				
Surrogate: M2-8:2 FTS	*5.13*		"	*4.79*		*107*	*25-200*				
Surrogate: M9PFNA	*1.29*		"	*1.25*		*103*	*25-150*				



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

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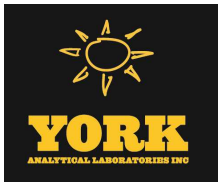
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50798 - EPA 1633 Prep											
LCS (BG50798-BS1)								Prepared: 07/11/2025 Analyzed: 07/14/2025			
Surrogate: M2-4:2 FTS	*6.14*		*ug/kg wet*	*4.68*		*131*	*25-150*				
Surrogate: d-N-MeFOSA	*2.05*		*"*	*2.50*		*82.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.72*		*"*	*2.50*		*68.9*	*25-150*				
Surrogate: M3HFPO-DA	*9.23*		*"*	*9.98*		*92.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.3*		*"*	*25.0*		*77.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.2*		*"*	*25.0*		*76.9*	*25-150*				
LCS (BG50798-BS2)								Prepared: 07/11/2025 Analyzed: 07/14/2025			
Perfluorobutanesulfonic acid (PFBS)	0.351	0.177	ug/kg wet	0.353		99.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.358	0.200	"	0.399		89.6	50-150				
Perfluoroheptanoic acid (PFHpA)	0.376	0.200	"	0.399		94.2	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.346	0.183	"	0.365		94.8	50-150				
Perfluorooctanoic acid (PFOA)	0.348	0.200	"	0.399		87.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.329	0.186	"	0.371		88.7	50-150				
Perfluorononanoic acid (PFNA)	0.391	0.200	"	0.399		97.9	50-150				
Perfluorodecanoic acid (PFDA)	0.408	0.200	"	0.399		102	50-150				
Perfluoroundecanoic acid (PFUnA)	0.382	0.200	"	0.399		95.6	50-150				
Perfluorododecanoic acid (PFDoA)	0.307	0.200	"	0.399		76.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.341	0.200	"	0.399		85.5	50-150				
Perfluorotetradecanoic acid (PFTA)	0.336	0.200	"	0.399		84.2	50-150				
N-MeFOSAA	0.243	0.200	"	0.399		60.9	50-150				
N-EtFOSAA	0.305	0.200	"	0.399		76.5	50-150				
Perfluoropentanoic acid (PFPeA)	0.694	0.399	"	0.798		87.0	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.394	0.200	"	0.399		98.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.332	0.200	"	0.381		87.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.344	0.193	"	0.385		89.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.29	0.758	"	1.52		85.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.51	0.766	"	1.53		98.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.55	0.798	"	1.60		97.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.583	0.355	"	0.711		82.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.529	0.399	"	0.798		66.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.171	0.399	"	0.798		21.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.773	0.399	"	0.798		96.8	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.309	0.188	"	0.375		82.3	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.31	0.749	"	1.50		87.5	50-150				
HFPO-DA (Gen-X)	0.663	0.798	"	0.798		83.1	50-150				
11CL-PF3OUdS	0.561	0.754	"	0.754		74.3	50-150				
9CL-PF3ONS	0.642	0.747	"	0.747		86.0	50-150				
ADONA	0.710	0.754	"	0.754		94.2	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.271	0.194	"	0.387		69.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.308	0.192	"	0.383		80.2	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.38	0.998	"	1.60		86.2	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	7.98	4.99	"	7.98		100	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	8.94	4.99	"	7.98		112	50-150				



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

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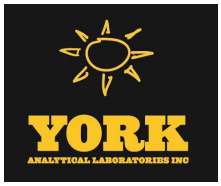
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50798 - EPA 1633 Prep											
LCS (BG50798-BS2)											
									Prepared: 07/11/2025 Analyzed: 07/14/2025		
N-MeFOSE	3.54	2.00	ug/kg wet	3.99		88.7	50-150				
N-MeFOSA	0.327	0.200	"	0.399		81.9	50-150				
N-EtFOSE	3.31	2.00	"	3.99		82.9	50-150				
N-EtFOSA	0.386	0.200	"	0.399		96.7	50-150				
Surrogate: M3PFBS	*2.33*		"	*2.33*		*100*	*25-150*				
Surrogate: M5PFHxA	*2.89*		"	*2.50*		*116*	*25-150*				
Surrogate: M4PFHpA	*2.96*		"	*2.50*		*119*	*25-150*				
Surrogate: M3PFHxS	*2.47*		"	*2.37*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.56*		"	*2.50*		*103*	*25-150*				
Surrogate: M6PFDA	*1.05*		"	*1.25*		*84.1*	*25-150*				
Surrogate: M7PFUdA	*1.05*		"	*1.25*		*83.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.817*		"	*1.25*		*65.5*	*25-150*				
Surrogate: M2PFTeDA	*0.673*		"	*1.25*		*53.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.539*		"	*9.98*		*5.40*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.36*		"	*2.39*		*98.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.39*		"	*4.99*		*87.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.82*		"	*2.50*		*113*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.11*		"	*4.99*		*62.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.04*		"	*4.99*		*61.0*	*25-150*				
Surrogate: M2-6:2 FTS	*6.85*		"	*4.75*		*144*	*25-200*				
Surrogate: M2-8:2 FTS	*4.57*		"	*4.79*		*95.3*	*25-200*				
Surrogate: M9PFNA	*1.27*		"	*1.25*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*6.16*		"	*4.68*		*132*	*25-150*				
Surrogate: d-N-MeFOSA	*2.00*		"	*2.50*		*80.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.58*		"	*2.50*		*63.2*	*25-150*				
Surrogate: M3HFPO-DA	*11.3*		"	*9.98*		*113*	*25-150*				
Surrogate: d9-N-EtFOSE	*17.9*		"	*25.0*		*71.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.3*		"	*25.0*		*73.2*	*25-150*				



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

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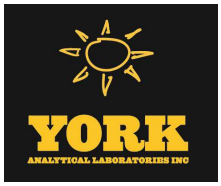
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50848 - EPA 1633 Prep											
Blank (BG50848-BLK1)											
Prepared: 07/12/2025 Analyzed: 07/15/2025											
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic 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 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	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 FTS)	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	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	5.00	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	25.0	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	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	*24.9*		"	*23.3*		*107*	*25-150*				
Surrogate: M5PFHxA	*27.7*		"	*25.0*		*111*	*25-150*				
Surrogate: M4PFHpA	*33.0*		"	*25.0*		*132*	*25-150*				
Surrogate: M3PFHxS	*27.1*		"	*23.7*		*114*	*25-150*				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50848 - EPA 1633 Prep											
Blank (BG50848-BLK1)											
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.6*		*ng/L*	*25.0*		*110*	*25-150*				
Surrogate: M6PFDA	*12.4*		*"*	*12.5*		*99.4*	*25-150*				
Surrogate: M7PFUdA	*11.5*		*"*	*12.5*		*92.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*10.4*		*"*	*12.5*		*82.9*	*25-150*				
Surrogate: M2PFTeDA	*7.34*		*"*	*12.5*		*58.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.99*		*"*	*100*		*8.99*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*23.3*		*"*	*24.0*		*97.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*33.0*		*"*	*50.0*		*66.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.6*		*"*	*25.0*		*110*	*10-150*				
Surrogate: d3-N-MeFOSAA	*32.3*		*"*	*50.0*		*64.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*38.4*		*"*	*50.0*		*76.7*	*25-150*				
Surrogate: M2-6:2 FTS	*74.3*		*"*	*47.6*		*156*	*25-200*				
Surrogate: M2-8:2 FTS	*54.8*		*"*	*48.0*		*114*	*25-200*				
Surrogate: M9PFNA	*13.8*		*"*	*12.5*		*111*	*25-150*				
Surrogate: M2-4:2 FTS	*66.3*		*"*	*46.9*		*141*	*25-150*				
Surrogate: d-N-MeFOSA	*24.1*		*"*	*25.0*		*96.4*	*25-150*				
Surrogate: d-N-EtFOSA	*18.1*		*"*	*25.0*		*72.4*	*25-150*				
Surrogate: M3HFPO-DA	*96.9*		*"*	*100*		*96.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*169*		*"*	*250*		*67.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*176*		*"*	*250*		*70.2*	*25-150*				
LCS (BG50848-BS1)											
Perfluorobutanesulfonic acid (PFBS)	44.4	1.77	ng/L	35.4		125	50-150				
Perfluorohexanoic acid (PFHxA)	47.9	2.00	"	40.0		120	50-150				
Perfluoroheptanoic acid (PFHpA)	43.4	2.00	"	40.0		108	50-150				
Perfluorohexanesulfonic acid (PFHxS)	49.2	1.83	"	36.6		134	50-150				
Perfluorooctanoic acid (PFOA)	44.6	2.00	"	40.0		111	50-150				
Perfluorooctanesulfonic acid (PFOS)	50.2	1.86	"	37.2		135	50-150				
Perfluorononanoic acid (PFNA)	44.2	2.00	"	40.0		111	50-150				
Perfluorodecanoic acid (PFDA)	48.2	2.00	"	40.0		120	50-150				
Perfluoroundecanoic acid (PFUnA)	44.8	2.00	"	40.0		112	50-150				
Perfluorododecanoic acid (PFDoA)	46.5	2.00	"	40.0		116	50-150				
Perfluorotridecanoic acid (PFTrDA)	51.3	2.00	"	40.0		128	50-150				
Perfluorotetradecanoic acid (PFTA)	41.4	2.00	"	40.0		103	50-150				
N-MeFOSAA	45.2	2.00	"	40.0		113	50-150				
N-EtFOSAA	43.6	2.00	"	40.0		109	50-150				
Perfluoropentanoic acid (PFPeA)	88.5	4.00	"	80.0		111	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	48.9	2.00	"	40.0		122	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	56.7	1.91	"	38.2		149	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	44.5	1.93	"	38.6		115	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	185	7.60	"	152		122	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	189	7.68	"	154		123	50-150				
Perfluoro-n-butanoic acid (PFBA)	171	8.00	"	160		107	50-150				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50848 - EPA 1633 Prep											
LCS (BG50848-BS1)								Prepared: 07/12/2025 Analyzed: 07/15/2025			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	84.4	3.56	ng/L	71.2		119	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	71.2	4.00	"	80.0		88.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	20.2	4.00	"	80.0		25.3	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	113	4.00	"	80.0		142	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	49.8	1.88	"	37.6		132	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	196	7.50	"	150		131	50-150				
HFPO-DA (Gen-X)	92.6	8.00	"	80.0		116	50-150				
11CL-PF3OUdS	68.5	7.56	"	75.6		90.6	50-150				
9CL-PF3ONS	86.8	7.48	"	74.8		116	50-150				
ADONA	96.1	7.56	"	75.6		127	50-150				
Perfluorododecanesulfonic acid (PFDoS)	36.8	1.94	"	38.8		94.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	58.4	1.92	"	38.4		152	50-150	High Bias			
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	102	5.00	"	160		63.5	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	1040	25.0	"	800		131	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	1280	25.0	"	800		160	50-150	High Bias			
N-MeFOSE	426	20.0	"	400		107	50-150				
N-MeFOSA	48.4	2.00	"	40.0		121	50-150				
N-EtFOSE	421	20.0	"	400		105	50-150				
N-EtFOSA	32.1	2.00	"	40.0		80.2	50-150				
Surrogate: M3PFBS	*22.6*		"	*23.3*		*97.1*	*25-150*				
Surrogate: M5PFHxA	*25.3*		"	*25.0*		*101*	*25-150*				
Surrogate: M4PFHpA	*29.9*		"	*25.0*		*119*	*25-150*				
Surrogate: M3PFHxS	*24.8*		"	*23.7*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.3*		"	*25.0*		*113*	*25-150*				
Surrogate: M6PFDA	*12.4*		"	*12.5*		*99.2*	*25-150*				
Surrogate: M7PFUdA	*11.8*		"	*12.5*		*94.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*9.80*		"	*12.5*		*78.4*	*25-150*				
Surrogate: M2PFTeDA	*7.47*		"	*12.5*		*59.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.07*		"	*100*		*6.07*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*20.1*		"	*24.0*		*83.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*25.7*		"	*50.0*		*51.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*24.2*		"	*25.0*		*96.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*31.0*		"	*50.0*		*62.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*34.6*		"	*50.0*		*69.1*	*25-150*				
Surrogate: M2-6:2 FTS	*62.4*		"	*47.6*		*131*	*25-200*				
Surrogate: M2-8:2 FTS	*47.5*		"	*48.0*		*99.0*	*25-200*				
Surrogate: M9PFNA	*13.8*		"	*12.5*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*50.0*		"	*46.9*		*107*	*25-150*				
Surrogate: d-N-MeFOSA	*16.5*		"	*25.0*		*66.2*	*25-150*				
Surrogate: d-N-EtFOSA	*20.4*		"	*25.0*		*81.6*	*25-150*				
Surrogate: M3HFPO-DA	*93.9*		"	*100*		*93.9*	*25-150*				

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

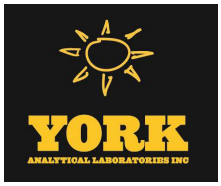
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50848 - EPA 1633 Prep											
LCS (BG50848-BS1)								Prepared: 07/12/2025 Analyzed: 07/15/2025			
Surrogate: d9-N-EtFOSE	*174*		*ng/L*	*250*		*69.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*186*		*"*	*250*		*74.3*	*25-150*				
LCS (BG50848-BS2)								Prepared: 07/12/2025 Analyzed: 07/15/2025			
Perfluorobutanesulfonic acid (PFBS)	4.08	1.77	ng/L	3.54		115	50-150				
Perfluorohexanoic acid (PFHxA)	4.21	2.00	"	4.00		105	50-150				
Perfluoroheptanoic acid (PFHpA)	4.14	2.00	"	4.00		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	5.22	1.83	"	3.66		143	50-150				
Perfluorooctanoic acid (PFOA)	4.04	2.00	"	4.00		101	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.45	1.86	"	3.72		120	50-150				
Perfluorononanoic acid (PFNA)	4.73	2.00	"	4.00		118	50-150				
Perfluorodecanoic acid (PFDA)	4.25	2.00	"	4.00		106	50-150				
Perfluoroundecanoic acid (PFUnA)	4.47	2.00	"	4.00		112	50-150				
Perfluorododecanoic acid (PFDoA)	4.86	2.00	"	4.00		122	50-150				
Perfluorotridecanoic acid (PFTrDA)	5.41	2.00	"	4.00		135	50-150				
Perfluorotetradecanoic acid (PFTA)	3.97	2.00	"	4.00		99.1	50-150				
N-MeFOSAA	4.23	2.00	"	4.00		106	50-150				
N-EtFOSAA	4.45	2.00	"	4.00		111	50-150				
Perfluoropentanoic acid (PFPeA)	8.61	4.00	"	8.00		108	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.85	2.00	"	4.00		121	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.63	1.91	"	3.82		121	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.52	1.93	"	3.86		117	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.5	7.60	"	15.2		115	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.9	7.68	"	15.4		123	50-150				
Perfluoro-n-butanoic acid (PFBA)	19.4	8.00	"	16.0		121	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.57	3.56	"	7.12		106	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.32	4.00	"	8.00		66.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.71	4.00	"	8.00		33.9	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	10.9	4.00	"	8.00		136	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.65	1.88	"	3.76		124	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.9	7.50	"	15.0		119	50-150				
HFPO-DA (Gen-X)	9.65	8.00	"	8.00		121	50-150				
11CL-PF3OUdS	8.55	7.56	"	7.56		113	50-150				
9CL-PF3ONS	8.57	7.48	"	7.48		115	50-150				
ADONA	9.01	7.56	"	7.56		119	50-150				
Perfluorododecanesulfonic acid (PFDoS)	1.73	1.94	"	3.88		44.5	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	4.77	1.92	"	3.84		124	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	12.9	5.00	"	16.0		80.9	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	102	25.0	"	80.0		127	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	131	25.0	"	80.0		164	50-150	High Bias			
N-MeFOSE	43.3	20.0	"	40.0		108	50-150				
N-MeFOSA	4.92	2.00	"	4.00		123	50-150				
N-EtFOSE	39.6	20.0	"	40.0		99.0	50-150				
N-EtFOSA	4.51	2.00	"	4.00		113	50-150				

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

York Analytical Laboratories, Inc.

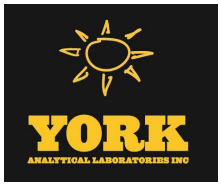
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50848 - EPA 1633 Prep											
LCS (BG50848-BS2)											
Surrogate: M3PFBS	*22.3*		*ng/L*	*23.3*		*95.6*	*25-150*				
Surrogate: M5PFHxA	*24.8*		*"*	*25.0*		*99.4*	*25-150*				
Surrogate: M4PFHpA	*30.7*		*"*	*25.0*		*123*	*25-150*				
Surrogate: M3PFHxS	*24.0*		*"*	*23.7*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.0*		*"*	*25.0*		*112*	*25-150*				
Surrogate: M6PFDA	*12.7*		*"*	*12.5*		*101*	*25-150*				
Surrogate: M7PFUdA	*12.5*		*"*	*12.5*		*99.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*9.98*		*"*	*12.5*		*79.8*	*25-150*				
Surrogate: M2PFTeDA	*7.24*		*"*	*12.5*		*57.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.71*		*"*	*100*		*5.71*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*24.8*		*"*	*24.0*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*26.5*		*"*	*50.0*		*52.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.6*		*"*	*25.0*		*114*	*10-150*				
Surrogate: d3-N-MeFOSAA	*35.1*		*"*	*50.0*		*70.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*37.5*		*"*	*50.0*		*75.1*	*25-150*				
Surrogate: M2-6:2 FTS	*61.5*		*"*	*47.6*		*129*	*25-200*				
Surrogate: M2-8:2 FTS	*48.3*		*"*	*48.0*		*101*	*25-200*				
Surrogate: M9PFNA	*13.2*		*"*	*12.5*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*57.1*		*"*	*46.9*		*122*	*25-150*				
Surrogate: d-N-MeFOSA	*24.3*		*"*	*25.0*		*97.2*	*25-150*				
Surrogate: d-N-EtFOSA	*19.3*		*"*	*25.0*		*77.1*	*25-150*				
Surrogate: M3HFPO-DA	*96.2*		*"*	*100*		*96.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*191*		*"*	*250*		*76.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*200*		*"*	*250*		*80.1*	*25-150*				
Duplicate (BG50848-DUP1)	*Source sample: 25G0333-01 (PCI-EB01-250702)										
Perfluorobutanesulfonic acid (PFBS)	ND	1.73	ng/L		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	1.95	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	1.95	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	1.78	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	1.95	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	1.81	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	1.95	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	1.95	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	1.95	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	1.95	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	1.95	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	1.95	"		ND					30	
N-MeFOSAA	ND	1.95	"		ND					30	
N-EtFOSAA	ND	1.95	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	3.90	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.95	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.86	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.88	"		ND					30	



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

York Analytical Laboratories, Inc.

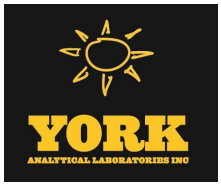
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50848 - EPA 1633 Prep											
Duplicate (BG50848-DUP1)	*Source sample: 25G0333-01 (PCI-EB01-250702)								Prepared: 07/12/2025 Analyzed: 07/16/2025		
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.41	ng/L		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.49	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	7.80	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.47	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.90	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.90	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.90	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.83	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.31	"		ND					30	
HFPO-DA (Gen-X)	ND	7.80	"		ND					30	
11CL-PF3OUdS	ND	7.37	"		ND					30	
9CL-PF3ONS	ND	7.29	"		ND					30	
ADONA	ND	7.37	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	1.89	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.87	"		ND					30	
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	4.87	"		ND					30	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	24.4	"		ND					30	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	24.4	"		ND					30	
N-MeFOSE	ND	19.5	"		ND					30	
N-MeFOSA	ND	1.95	"		ND					30	
N-EtFOSE	ND	19.5	"		ND					30	
N-EtFOSA	ND	1.95	"		ND					30	
Surrogate: M3PFBS	*20.1*		"	*22.7*		*88.4*	*25-150*				
Surrogate: M5PFHxA	*22.4*		"	*24.4*		*91.9*	*25-150*				
Surrogate: M4PFHpA	*25.7*		"	*24.4*		*106*	*25-150*				
Surrogate: M3PFHxS	*22.2*		"	*23.1*		*96.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*23.7*		"	*24.4*		*97.1*	*25-150*				
Surrogate: M6PFDA	*10.6*		"	*12.2*		*86.8*	*25-150*				
Surrogate: M7PFUdA	*9.78*		"	*12.2*		*80.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*7.14*		"	*12.2*		*58.6*	*25-150*				
Surrogate: M2PFTeDA	*4.94*		"	*12.2*		*40.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.56*		"	*97.5*		*4.68*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*19.4*		"	*23.3*		*82.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*21.8*		"	*48.7*		*44.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.6*		"	*24.4*		*105*	*10-150*				
Surrogate: d3-N-MeFOSAA	*30.9*		"	*48.7*		*63.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*33.3*		"	*48.7*		*68.4*	*25-150*				
Surrogate: M2-6:2 FTS	*67.5*		"	*46.4*		*146*	*25-200*				
Surrogate: M2-8:2 FTS	*52.2*		"	*46.8*		*111*	*25-200*				
Surrogate: M9PFNA	*11.4*		"	*12.2*		*93.3*	*25-150*				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50848 - EPA 1633 Prep											
Duplicate (BG50848-DUP1)	*Source sample: 25G0333-01 (PCI-EB01-250702)								Prepared: 07/12/2025 Analyzed: 07/16/2025		
Surrogate: M2-4:2 FTS	*58.0*		*ng/L*	*45.7*		*127*	*25-150*				
Surrogate: d-N-MeFOSA	*19.6*		*"*	*24.4*		*80.6*	*25-150*				
Surrogate: d-N-EtFOSA	*20.4*		*"*	*24.4*		*83.8*	*25-150*				
Surrogate: M3HFPO-DA	*82.8*		*"*	*97.5*		*84.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*118*		*"*	*244*		*48.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*120*		*"*	*244*		*49.3*	*25-150*				
Batch BG50853 - EPA 1633 Prep											
Blank (BG50853-BLK1)									Prepared: 07/13/2025 Analyzed: 07/16/2025		
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 FTS)	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	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 FTS)	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	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	1.00	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	5.00	"								

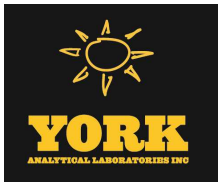


PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50853 - EPA 1633 Prep											
Blank (BG50853-BLK1)											Prepared: 07/13/2025 Analyzed: 07/16/2025
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	5.00	ug/kg wet								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.28*		"	*2.33*		*97.8*	*25-150*				
Surrogate: M5PFHxA	*2.86*		"	*2.50*		*114*	*25-150*				
Surrogate: M4PFHpA	*2.96*		"	*2.50*		*118*	*25-150*				
Surrogate: M3PFHxS	*2.33*		"	*2.37*		*98.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.65*		"	*2.50*		*106*	*25-150*				
Surrogate: M6PFDA	*1.30*		"	*1.25*		*104*	*25-150*				
Surrogate: M7PFUdA	*1.20*		"	*1.25*		*95.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.824*		"	*1.25*		*65.9*	*25-150*				
Surrogate: M2PFTeDA	*0.689*		"	*1.25*		*55.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.02*		"	*10.0*		*10.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.15*		"	*2.40*		*89.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.48*		"	*5.00*		*89.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.76*		"	*2.50*		*110*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.86*		"	*5.00*		*57.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.18*		"	*5.00*		*63.6*	*25-150*				
Surrogate: M2-6:2 FTS	*7.65*		"	*4.76*		*161*	*25-200*				
Surrogate: M2-8:2 FTS	*4.62*		"	*4.80*		*96.2*	*25-200*				
Surrogate: M9PFNA	*1.28*		"	*1.25*		*102*	*25-150*				
Surrogate: M2-4:2 FTS	*6.77*		"	*4.69*		*144*	*25-150*				
Surrogate: d-N-MeFOSA	*1.93*		"	*2.50*		*77.2*	*25-150*				
Surrogate: d-N-EtFOSA	*2.17*		"	*2.50*		*86.9*	*25-150*				
Surrogate: M3HFPO-DA	*10.6*		"	*10.0*		*106*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.9*		"	*25.0*		*75.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.4*		"	*25.0*		*81.8*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50853 - EPA 1633 Prep											
LCS (BG50853-BS1)								Prepared: 07/13/2025 Analyzed: 07/16/2025			
Perfluorobutanesulfonic acid (PFBS)	4.47	0.177	ug/kg wet	3.53		126	50-150				
Perfluorohexanoic acid (PFHxA)	4.61	0.200	"	3.99		116	50-150				
Perfluoroheptanoic acid (PFHpA)	4.26	0.200	"	3.99		107	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.49	0.183	"	3.65		123	50-150				
Perfluorooctanoic acid (PFOA)	4.16	0.200	"	3.99		104	50-150				
Perfluorooctanesulfonic acid (PFOS)	5.14	0.186	"	3.71		138	50-150				
Perfluorononanoic acid (PFNA)	4.25	0.200	"	3.99		107	50-150				
Perfluorodecanoic acid (PFDA)	4.79	0.200	"	3.99		120	50-150				
Perfluoroundecanoic acid (PFUnA)	4.37	0.200	"	3.99		110	50-150				
Perfluorododecanoic acid (PFDoA)	3.93	0.200	"	3.99		98.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	5.19	0.200	"	3.99		130	50-150				
Perfluorotetradecanoic acid (PFTA)	4.56	0.200	"	3.99		114	50-150				
N-MeFOSAA	4.51	0.200	"	3.99		113	50-150				
N-EtFOSAA	4.14	0.200	"	3.99		104	50-150				
Perfluoropentanoic acid (PFPeA)	8.48	0.399	"	7.98		106	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.77	0.200	"	3.99		120	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.01	0.200	"	3.81		158	50-150	High Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	4.39	0.193	"	3.85		114	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.8	0.758	"	15.2		118	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.7	0.766	"	15.3		115	50-150				
Perfluoro-n-butanoic acid (PFBA)	16.5	0.798	"	16.0		103	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.51	0.355	"	7.11		120	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.21	0.399	"	7.98		77.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.974	0.399	"	7.98		12.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	10.2	0.399	"	7.98		127	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.65	0.188	"	3.75		124	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.4	0.749	"	15.0		116	50-150				
HFPO-DA (Gen-X)	8.51	0.798	"	7.98		107	50-150				
11CL-PF3OUdS	5.78	0.754	"	7.54		76.6	50-150				
9CL-PF3ONS	7.63	0.747	"	7.47		102	50-150				
ADONA	8.69	0.754	"	7.54		115	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.63	0.194	"	3.87		93.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	6.19	0.192	"	3.83		161	50-150	High Bias			
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	10.8	0.998	"	16.0		67.9	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	103	4.99	"	79.8		129	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	127	4.99	"	79.8		158	50-150	High Bias			
N-MeFOSE	43.8	2.00	"	39.9		110	50-150				
N-MeFOSA	3.75	0.200	"	3.99		93.9	50-150				
N-EtFOSE	40.1	2.00	"	39.9		100	50-150				
N-EtFOSA	3.62	0.200	"	3.99		90.6	50-150				
Surrogate: M3PFBS	*2.35*		"	*2.33*		*101*	*25-150*				
Surrogate: M5PFHxA	*2.90*		"	*2.50*		*116*	*25-150*				
Surrogate: M4PFHpA	*3.05*		"	*2.50*		*122*	*25-150*				
Surrogate: M3PFHxS	*2.76*		"	*2.37*		*117*	*25-150*				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50853 - EPA 1633 Prep											
LCS (BG50853-BS1)									Prepared: 07/13/2025 Analyzed: 07/16/2025		
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.61*		*ug/kg wet*	*2.50*		*105*	*25-150*				
Surrogate: M6PFDA	*1.19*		*"*	*1.25*		*95.4*	*25-150*				
Surrogate: M7PFUdA	*1.13*		*"*	*1.25*		*90.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.895*		*"*	*1.25*		*71.7*	*25-150*				
Surrogate: M2PFTeDA	*0.669*		*"*	*1.25*		*53.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.434*		*"*	*9.98*		*4.35*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.07*		*"*	*2.39*		*86.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.88*		*"*	*4.99*		*77.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.67*		*"*	*2.50*		*107*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.20*		*"*	*4.99*		*64.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.42*		*"*	*4.99*		*68.5*	*25-150*				
Surrogate: M2-6:2 FTS	*7.42*		*"*	*4.75*		*156*	*25-200*				
Surrogate: M2-8:2 FTS	*4.93*		*"*	*4.79*		*103*	*25-200*				
Surrogate: M9PFNA	*1.24*		*"*	*1.25*		*99.2*	*25-150*				
Surrogate: M2-4:2 FTS	*5.89*		*"*	*4.68*		*126*	*25-150*				
Surrogate: d-N-MeFOSA	*2.09*		*"*	*2.50*		*83.8*	*25-150*				
Surrogate: d-N-EtFOSA	*2.04*		*"*	*2.50*		*81.7*	*25-150*				
Surrogate: M3HFPO-DA	*11.1*		*"*	*9.98*		*111*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.9*		*"*	*25.0*		*75.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.8*		*"*	*25.0*		*75.2*	*25-150*				
LCS (BG50853-BS2)									Prepared: 07/13/2025 Analyzed: 07/16/2025		
Perfluorobutanesulfonic acid (PFBS)	0.383	0.177	ug/kg wet	0.354		108	50-150				
Perfluorohexanoic acid (PFHxA)	0.392	0.200	"	0.400		98.0	50-150				
Perfluoroheptanoic acid (PFHpA)	0.370	0.200	"	0.400		92.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.456	0.183	"	0.366		125	50-150				
Perfluorooctanoic acid (PFOA)	0.273	0.200	"	0.400		68.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.453	0.186	"	0.372		122	50-150				
Perfluorononanoic acid (PFNA)	0.416	0.200	"	0.400		104	50-150				
Perfluorodecanoic acid (PFDA)	0.363	0.200	"	0.400		90.7	50-150				
Perfluoroundecanoic acid (PFUnA)	0.385	0.200	"	0.400		96.2	50-150				
Perfluorododecanoic acid (PFDoA)	0.390	0.200	"	0.400		97.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.370	0.200	"	0.400		92.5	50-150				
Perfluorotetradecanoic acid (PFTA)	0.394	0.200	"	0.400		98.5	50-150				
N-MeFOSAA	0.372	0.200	"	0.400		93.0	50-150				
N-EtFOSAA	0.418	0.200	"	0.400		104	50-150				
Perfluoropentanoic acid (PFPeA)	0.758	0.400	"	0.800		94.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.435	0.200	"	0.400		109	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.500	0.200	"	0.382		131	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.440	0.193	"	0.386		114	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.48	0.760	"	1.52		97.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.52	0.768	"	1.54		98.7	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.47	0.800	"	1.60		92.1	50-150				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50853 - EPA 1633 Prep											
LCS (BG50853-BS2)								Prepared: 07/13/2025 Analyzed: 07/16/2025			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.683	0.356	ug/kg wet	0.712		95.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.469	0.400	"	0.800		58.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.178	0.400	"	0.800		22.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.840	0.400	"	0.800		105	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.371	0.188	"	0.376		98.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.42	0.750	"	1.50		94.9	50-150				
HFPO-DA (Gen-X)	0.793	0.800	"	0.800		99.1	50-150				
11CL-PF3OUdS	0.621	0.756	"	0.756		82.2	50-150				
9CL-PF3ONS	0.684	0.748	"	0.748		91.4	50-150				
ADONA	0.820	0.756	"	0.756		109	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.356	0.194	"	0.388		91.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.446	0.192	"	0.384		116	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.25	1.00	"	1.60		77.9	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	9.25	5.00	"	8.00		116	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	11.1	5.00	"	8.00		139	50-150				
N-MeFOSE	3.61	2.00	"	4.00		90.2	50-150				
N-MeFOSA	0.342	0.200	"	0.400		85.6	50-150				
N-EtFOSE	3.57	2.00	"	4.00		89.3	50-150				
N-EtFOSA	0.382	0.200	"	0.400		95.6	50-150				
Surrogate: M3PFBS	*2.01*		"	*2.33*		*86.2*	*25-150*				
Surrogate: M5PFHxA	*2.29*		"	*2.50*		*91.6*	*25-150*				
Surrogate: M4PFHpA	*2.50*		"	*2.50*		*100*	*25-150*				
Surrogate: M3PFHxS	*2.17*		"	*2.37*		*91.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.22*		"	*2.50*		*89.0*	*25-150*				
Surrogate: M6PFDA	*1.02*		"	*1.25*		*82.0*	*25-150*				
Surrogate: M7PFUdA	*0.867*		"	*1.25*		*69.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.693*		"	*1.25*		*55.4*	*25-150*				
Surrogate: M2PFTeDA	*0.480*		"	*1.25*		*38.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.455*		"	*10.0*		*4.55*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.74*		"	*2.40*		*72.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.48*		"	*5.00*		*69.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.37*		"	*2.50*		*94.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.37*		"	*5.00*		*47.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.64*		"	*5.00*		*52.9*	*25-150*				
Surrogate: M2-6:2 FTS	*6.50*		"	*4.76*		*137*	*25-200*				
Surrogate: M2-8:2 FTS	*4.14*		"	*4.80*		*86.3*	*25-200*				
Surrogate: M9PFNA	*0.986*		"	*1.25*		*78.8*	*25-150*				
Surrogate: M2-4:2 FTS	*5.72*		"	*4.69*		*122*	*25-150*				
Surrogate: d-N-MeFOSA	*1.78*		"	*2.50*		*71.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.66*		"	*2.50*		*66.5*	*25-150*				
Surrogate: M3HFPO-DA	*8.56*		"	*10.0*		*85.6*	*25-150*				

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

York Analytical Laboratories, Inc.

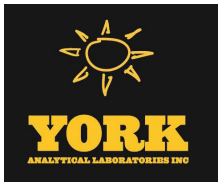
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50853 - EPA 1633 Prep											
LCS (BG50853-BS2)											
Surrogate: d9-N-EtFOSE	*13.7*		*ug/kg wet*	*25.0*		*54.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.4*		*"*	*25.0*		*57.7*	*25-150*				
Batch BG50856 - EPA 1633 Prep											
Blank (BG50856-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 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	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 FTS)	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	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	5.00	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	25.0	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50856 - EPA 1633 Prep											
Blank (BG50856-BLK1)											Prepared: 07/13/2025 Analyzed: 07/16/2025
N-EtFOSA	ND	2.00	ng/L								
Surrogate: M3PFBS	*24.6*		"	*23.3*		*105*	*25-150*				
Surrogate: M5PFHxA	*31.5*		"	*25.0*		*126*	*25-150*				
Surrogate: M4PFHpA	*32.8*		"	*25.0*		*131*	*25-150*				
Surrogate: M3PFHxS	*27.1*		"	*23.7*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.8*		"	*25.0*		*123*	*25-150*				
Surrogate: M6PFDA	*14.1*		"	*12.5*		*113*	*25-150*				
Surrogate: M7PFUdA	*14.9*		"	*12.5*		*119*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.4*		"	*12.5*		*91.3*	*25-150*				
Surrogate: M2PFTeDA	*7.26*		"	*12.5*		*58.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*123*		"	*100*		*123*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*22.7*		"	*24.0*		*94.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*57.0*		"	*50.0*		*114*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*31.7*		"	*25.0*		*127*	*10-150*				
Surrogate: d3-N-MeFOSAA	*36.2*		"	*50.0*		*72.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*37.9*		"	*50.0*		*75.7*	*25-150*				
Surrogate: M2-6:2 FTS	*82.2*		"	*47.6*		*173*	*25-200*				
Surrogate: M2-8:2 FTS	*55.6*		"	*48.0*		*116*	*25-200*				
Surrogate: M9PFNA	*14.0*		"	*12.5*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*75.8*		"	*46.9*		*162*	*25-150*				
Surrogate: d-N-MeFOSA	*22.2*		"	*25.0*		*88.8*	*25-150*				
Surrogate: d-N-EtFOSA	*24.4*		"	*25.0*		*97.6*	*25-150*				
Surrogate: M3HFPO-DA	*117*		"	*100*		*117*	*25-150*				
Surrogate: d9-N-EtFOSE	*221*		"	*250*		*88.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*230*		"	*250*		*92.1*	*25-150*				
LCS (BG50856-BS1)											Prepared: 07/13/2025 Analyzed: 07/16/2025
Perfluorobutanesulfonic acid (PFBS)	46.6	1.77	ng/L	35.4		131	50-150				
Perfluorohexanoic acid (PFHxA)	49.2	2.00	"	40.0		123	50-150				
Perfluoroheptanoic acid (PFHpA)	45.1	2.00	"	40.0		113	50-150				
Perfluorohexanesulfonic acid (PFHxS)	51.3	1.83	"	36.6		140	50-150				
Perfluorooctanoic acid (PFOA)	45.9	2.00	"	40.0		115	50-150				
Perfluorooctanesulfonic acid (PFOS)	49.9	1.86	"	37.2		134	50-150				
Perfluorononanoic acid (PFNA)	47.3	2.00	"	40.0		118	50-150				
Perfluorodecanoic acid (PFDA)	52.1	2.00	"	40.0		130	50-150				
Perfluoroundecanoic acid (PFUnA)	50.2	2.00	"	40.0		125	50-150				
Perfluorododecanoic acid (PFDoA)	42.0	2.00	"	40.0		105	50-150				
Perfluorotridecanoic acid (PFTrDA)	67.5	2.00	"	40.0		169	50-150	High Bias			
Perfluorotetradecanoic acid (PFTA)	47.1	2.00	"	40.0		118	50-150				
N-MeFOSAA	42.6	2.00	"	40.0		106	50-150				
N-EtFOSAA	46.6	2.00	"	40.0		117	50-150				
Perfluoropentanoic acid (PFPeA)	93.8	4.00	"	80.0		117	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	52.2	2.00	"	40.0		131	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	59.5	1.91	"	38.2		156	50-150	High Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	51.3	1.93	"	38.6		133	50-150				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50856 - EPA 1633 Prep											
LCS (BG50856-BS1)								Prepared: 07/13/2025 Analyzed: 07/16/2025			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	195	7.60	ng/L	152		129	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	201	7.68	"	154		131	50-150				
Perfluoro-n-butanoic acid (PFBA)	197	8.00	"	160		123	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	86.1	3.56	"	71.2		121	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	66.1	4.00	"	80.0		82.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	84.1	4.00	"	80.0		105	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	86.4	4.00	"	80.0		108	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	52.4	1.88	"	37.6		139	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	193	7.50	"	150		129	50-150				
HFPO-DA (Gen-X)	93.6	8.00	"	80.0		117	50-150				
11CL-PF3OUdS	53.8	7.56	"	75.6		71.2	50-150				
9CL-PF3ONS	74.1	7.48	"	74.8		99.0	50-150				
ADONA	90.8	7.56	"	75.6		120	50-150				
Perfluorododecanesulfonic acid (PFDoS)	28.5	1.94	"	38.8		73.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	59.0	1.92	"	38.4		154	50-150	High Bias			
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	176	5.00	"	160		110	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	1110	25.0	"	800		139	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	1300	25.0	"	800		163	50-150	High Bias			
N-MeFOSE	424	20.0	"	400		106	50-150				
N-MeFOSA	42.9	2.00	"	40.0		107	50-150				
N-EtFOSE	446	20.0	"	400		112	50-150				
N-EtFOSA	37.8	2.00	"	40.0		94.6	50-150				
Surrogate: M3PFBS	*22.8*		"	*23.3*		*97.9*	*25-150*				
Surrogate: M5PFHxA	*29.4*		"	*25.0*		*118*	*25-150*				
Surrogate: M4PFHpA	*30.5*		"	*25.0*		*122*	*25-150*				
Surrogate: M3PFHxS	*24.6*		"	*23.7*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.8*		"	*25.0*		*111*	*25-150*				
Surrogate: M6PFDA	*11.9*		"	*12.5*		*95.4*	*25-150*				
Surrogate: M7PFUdA	*11.5*		"	*12.5*		*91.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*9.69*		"	*12.5*		*77.6*	*25-150*				
Surrogate: M2PFTeDA	*5.50*		"	*12.5*		*44.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*114*		"	*100*		*114*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*22.0*		"	*24.0*		*91.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*53.1*		"	*50.0*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.1*		"	*25.0*		*113*	*10-150*				
Surrogate: d3-N-MeFOSAA	*36.9*		"	*50.0*		*73.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*34.3*		"	*50.0*		*68.7*	*25-150*				
Surrogate: M2-6:2 FTS	*64.2*		"	*47.6*		*135*	*25-200*				
Surrogate: M2-8:2 FTS	*45.8*		"	*48.0*		*95.4*	*25-200*				
Surrogate: M9PFNA	*12.8*		"	*12.5*		*102*	*25-150*				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50856 - EPA 1633 Prep											
LCS (BG50856-BS1)								Prepared: 07/13/2025 Analyzed: 07/16/2025			
Surrogate: M2-4:2 FTS	*56.1*		*ng/L*	*46.9*		*120*	*25-150*				
Surrogate: d-N-MeFOSA	*22.2*		*"*	*25.0*		*88.6*	*25-150*				
Surrogate: d-N-EtFOSA	*22.1*		*"*	*25.0*		*88.3*	*25-150*				
Surrogate: M3HFPO-DA	*116*		*"*	*100*		*116*	*25-150*				
Surrogate: d9-N-EtFOSE	*191*		*"*	*250*		*76.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*212*		*"*	*250*		*84.9*	*25-150*				
LCS (BG50856-BS2)								Prepared: 07/13/2025 Analyzed: 07/16/2025			
Perfluorobutanesulfonic acid (PFBS)	4.74	1.77	ng/L	3.54		134	50-150				
Perfluorohexanoic acid (PFHxA)	4.65	2.00	"	4.00		116	50-150				
Perfluoroheptanoic acid (PFHpA)	4.10	2.00	"	4.00		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.71	1.83	"	3.66		129	50-150				
Perfluorooctanoic acid (PFOA)	4.14	2.00	"	4.00		104	50-150				
Perfluorooctanesulfonic acid (PFOS)	5.24	1.86	"	3.72		141	50-150				
Perfluorononanoic acid (PFNA)	4.47	2.00	"	4.00		112	50-150				
Perfluorodecanoic acid (PFDA)	4.63	2.00	"	4.00		116	50-150				
Perfluoroundecanoic acid (PFUnA)	4.42	2.00	"	4.00		111	50-150				
Perfluorododecanoic acid (PFDoA)	3.68	2.00	"	4.00		92.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.05	2.00	"	4.00		101	50-150				
Perfluorotetradecanoic acid (PFTA)	4.02	2.00	"	4.00		100	50-150				
N-MeFOSAA	3.96	2.00	"	4.00		98.9	50-150				
N-EtFOSAA	4.72	2.00	"	4.00		118	50-150				
Perfluoropentanoic acid (PFPeA)	8.87	4.00	"	8.00		111	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.38	2.00	"	4.00		134	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.70	1.91	"	3.82		149	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.03	1.93	"	3.86		104	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.2	7.60	"	15.2		113	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.6	7.68	"	15.4		114	50-150				
Perfluoro-n-butanoic acid (PFBA)	18.7	8.00	"	16.0		117	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.79	3.56	"	7.12		109	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.42	4.00	"	8.00		80.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.05	4.00	"	8.00		101	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.50	4.00	"	8.00		106	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.35	1.88	"	3.76		116	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.7	7.50	"	15.0		118	50-150				
HFPO-DA (Gen-X)	10.9	8.00	"	8.00		137	50-150				
11CL-PF3OUdS	6.98	7.56	"	7.56		92.3	50-150				
9CL-PF3ONS	8.57	7.48	"	7.48		115	50-150				
ADONA	9.27	7.56	"	7.56		123	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.56	1.94	"	3.88		91.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.82	1.92	"	3.84		126	50-150				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	20.1	5.00	"	16.0		125	50-150				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	113	25.0	"	80.0		141	50-150				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	130	25.0	"	80.0		162	50-150	High Bias			

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50856 - EPA 1633 Prep											
LCS (BG50856-BS2)											
Prepared: 07/13/2025 Analyzed: 07/16/2025											
N-MeFOSE	41.7	20.0	ng/L	40.0		104	50-150				
N-MeFOSA	5.19	2.00	"	4.00		130	50-150				
N-EtFOSE	38.8	20.0	"	40.0		96.9	50-150				
N-EtFOSA	3.60	2.00	"	4.00		90.0	50-150				
Surrogate: M3PFBS	*22.7*		"	*23.3*		*97.4*	*25-150*				
Surrogate: M5PFHxA	*27.6*		"	*25.0*		*110*	*25-150*				
Surrogate: M4PFHpA	*30.3*		"	*25.0*		*121*	*25-150*				
Surrogate: M3PFHxS	*25.5*		"	*23.7*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*26.5*		"	*25.0*		*106*	*25-150*				
Surrogate: M6PFDA	*13.0*		"	*12.5*		*104*	*25-150*				
Surrogate: M7PFUdA	*11.6*		"	*12.5*		*92.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*10.8*		"	*12.5*		*86.7*	*25-150*				
Surrogate: M2PFTeDA	*7.23*		"	*12.5*		*57.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*110*		"	*100*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*20.4*		"	*24.0*		*85.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*50.3*		"	*50.0*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.2*		"	*25.0*		*113*	*10-150*				
Surrogate: d3-N-MeFOSAA	*31.6*		"	*50.0*		*63.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*34.7*		"	*50.0*		*69.4*	*25-150*				
Surrogate: M2-6:2 FTS	*71.7*		"	*47.6*		*151*	*25-200*				
Surrogate: M2-8:2 FTS	*52.3*		"	*48.0*		*109*	*25-200*				
Surrogate: M9PFNA	*12.7*		"	*12.5*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*63.9*		"	*46.9*		*136*	*25-150*				
Surrogate: d-N-MeFOSA	*22.1*		"	*25.0*		*88.2*	*25-150*				
Surrogate: d-N-EtFOSA	*21.4*		"	*25.0*		*85.8*	*25-150*				
Surrogate: M3HFPO-DA	*108*		"	*100*		*108*	*25-150*				
Surrogate: d9-N-EtFOSE	*209*		"	*250*		*83.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*217*		"	*250*		*86.9*	*25-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50357 - EPA 3550C											
Blank (BG50357-BLK1)									Prepared & Analyzed: 07/07/2025		
9-Octadecenamide isomer RT1...	788		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50354 - EPA 3550C											
Blank (BG50354-BLK1)											Prepared & Analyzed: 07/07/2025
4,4'-DDD	ND	0.00164	mg/kg wet								
Extracted	0.00		ug/kg wet								
4,4'-DDE	ND	0.00164	mg/kg wet								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0331*		"	*0.0664*		*49.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0380*		"	*0.0664*		*57.1*	*30-150*				
LCS (BG50354-BS1)											Prepared & Analyzed: 07/07/2025
4,4'-DDD	0.0256	0.00164	mg/kg wet	0.0332		76.9	40-140				
4,4'-DDE	0.0237	0.00164	"	0.0332		71.3	40-140				
4,4'-DDT	0.0231	0.00164	"	0.0332		69.4	40-140				
Aldrin	0.0235	0.00164	"	0.0332		70.6	40-140				
alpha-BHC	0.0235	0.00164	"	0.0332		70.8	40-140				
alpha-Chlordane	0.0239	0.00164	"	0.0332		71.9	40-140				
beta-BHC	0.0269	0.00164	"	0.0332		81.0	40-140				
delta-BHC	0.0235	0.00164	"	0.0332		70.8	40-140				
Dieldrin	0.0238	0.00164	"	0.0332		71.6	40-140				
Endosulfan I	0.0249	0.00164	"	0.0332		74.9	40-140				
Endosulfan II	0.0266	0.00164	"	0.0332		80.2	40-140				
Endosulfan sulfate	0.0243	0.00164	"	0.0332		73.3	40-140				
Endrin	0.0253	0.00164	"	0.0332		76.1	40-140				
Endrin aldehyde	0.0190	0.00164	"	0.0332		57.1	40-140				
Endrin ketone	0.0257	0.00164	"	0.0332		77.2	40-140				
gamma-BHC (Lindane)	0.0235	0.00164	"	0.0332		70.8	40-140				
gamma-Chlordane	0.0241	0.00164	"	0.0332		72.4	40-140				
Heptachlor	0.0238	0.00164	"	0.0332		71.6	40-140				
Heptachlor epoxide	0.0249	0.00164	"	0.0332		75.0	40-140				
Methoxychlor	0.0256	0.00164	"	0.0332		77.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0445*		"	*0.0664*		*67.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0419*		"	*0.0664*		*63.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50354 - EPA 3550C											
Matrix Spike (BG50354-MS1)	*Source sample: 25G0333-23 (PCI-B-11-6.0-7.5)							Prepared & Analyzed: 07/07/2025			
4,4'-DDD	0.0275	0.00176	mg/kg dry	0.0356	ND	77.1	30-150				
4,4'-DDE	0.0251	0.00176	"	0.0356	ND	70.5	30-150				
4,4'-DDT	0.0247	0.00176	"	0.0356	ND	69.2	30-150				
Aldrin	0.0249	0.00176	"	0.0356	ND	70.0	30-150				
alpha-BHC	0.0250	0.00176	"	0.0356	ND	70.1	30-150				
alpha-Chlordane	0.0254	0.00176	"	0.0356	ND	71.2	30-150				
beta-BHC	0.0289	0.00176	"	0.0356	ND	81.0	30-150				
delta-BHC	0.0250	0.00176	"	0.0356	ND	70.2	30-150				
Dieldrin	0.0259	0.00176	"	0.0356	ND	72.8	30-150				
Endosulfan I	0.0265	0.00176	"	0.0356	ND	74.4	30-150				
Endosulfan II	0.0283	0.00176	"	0.0356	ND	79.6	30-150				
Endosulfan sulfate	0.0260	0.00176	"	0.0356	ND	73.0	30-150				
Endrin	0.0267	0.00176	"	0.0356	ND	74.9	30-150				
Endrin aldehyde	0.0226	0.00176	"	0.0356	ND	63.4	30-150				
Endrin ketone	0.0272	0.00176	"	0.0356	ND	76.5	30-150				
gamma-BHC (Lindane)	0.0249	0.00176	"	0.0356	ND	70.0	30-150				
gamma-Chlordane	0.0256	0.00176	"	0.0356	ND	71.8	30-150				
Heptachlor	0.0253	0.00176	"	0.0356	ND	71.0	30-150				
Heptachlor epoxide	0.0265	0.00176	"	0.0356	ND	74.2	30-150				
Methoxychlor	0.0273	0.00176	"	0.0356	ND	76.7	30-150				
Surrogate: Decachlorobiphenyl	*0.0464*		"	*0.0713*		*65.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0431*		"	*0.0713*		*60.5*	*30-150*				
Matrix Spike Dup (BG50354-MSD1)	*Source sample: 25G0333-23 (PCI-B-11-6.0-7.5)							Prepared & Analyzed: 07/07/2025			
4,4'-DDD	0.0274	0.00176	mg/kg dry	0.0356	ND	76.8	30-150		0.325	30	
4,4'-DDE	0.0253	0.00176	"	0.0356	ND	71.0	30-150		0.664	30	
4,4'-DDT	0.0243	0.00176	"	0.0356	ND	68.3	30-150		1.37	30	
Aldrin	0.0252	0.00176	"	0.0356	ND	70.7	30-150		0.995	30	
alpha-BHC	0.0251	0.00176	"	0.0356	ND	70.5	30-150		0.619	30	
alpha-Chlordane	0.0256	0.00176	"	0.0356	ND	71.9	30-150		0.950	30	
beta-BHC	0.0292	0.00176	"	0.0356	ND	81.9	30-150		1.06	30	
delta-BHC	0.0254	0.00176	"	0.0356	ND	71.3	30-150		1.58	30	
Dieldrin	0.0260	0.00176	"	0.0356	ND	72.9	30-150		0.130	30	
Endosulfan I	0.0269	0.00176	"	0.0356	ND	75.6	30-150		1.64	30	
Endosulfan II	0.0288	0.00176	"	0.0356	ND	80.9	30-150		1.66	30	
Endosulfan sulfate	0.0274	0.00176	"	0.0356	ND	76.9	30-150		5.21	30	
Endrin	0.0265	0.00176	"	0.0356	ND	74.4	30-150		0.636	30	
Endrin aldehyde	0.0225	0.00176	"	0.0356	ND	63.2	30-150		0.411	30	
Endrin ketone	0.0274	0.00176	"	0.0356	ND	77.0	30-150		0.652	30	
gamma-BHC (Lindane)	0.0250	0.00176	"	0.0356	ND	70.1	30-150		0.193	30	
gamma-Chlordane	0.0258	0.00176	"	0.0356	ND	72.4	30-150		0.825	30	
Heptachlor	0.0253	0.00176	"	0.0356	ND	70.9	30-150		0.0987	30	
Heptachlor epoxide	0.0267	0.00176	"	0.0356	ND	74.9	30-150		0.818	30	
Methoxychlor	0.0280	0.00176	"	0.0356	ND	78.6	30-150		2.51	30	
Surrogate: Decachlorobiphenyl	*0.0498*		"	*0.0713*		*69.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0462*		"	*0.0713*		*64.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50546 - EPA SW846-3510C Low Level											
Blank (BG50546-BLK1)									Prepared & Analyzed: 07/09/2025		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.0787*		"	*0.200*		*39.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0955*		"	*0.200*		*47.7*	*30-150*				
LCS (BG50546-BS1)									Prepared & Analyzed: 07/09/2025		
4,4'-DDD	0.0736	0.00400	ug/L	0.100		73.6	40-140				
4,4'-DDE	0.0635	0.00400	"	0.100		63.5	40-140				
4,4'-DDT	0.0801	0.00400	"	0.100		80.1	40-140				
Aldrin	0.0490	0.00400	"	0.100		49.0	40-140				
alpha-BHC	0.0586	0.00400	"	0.100		58.6	40-140				
alpha-Chlordane	0.0588	0.00400	"	0.100		58.8	40-140				
beta-BHC	0.0791	0.00400	"	0.100		79.1	40-140				
delta-BHC	0.0575	0.00400	"	0.100		57.5	40-140				
Dieldrin	0.0671	0.00200	"	0.100		67.1	40-140				
Endosulfan I	0.0647	0.00400	"	0.100		64.7	40-140				
Endosulfan II	0.0774	0.00400	"	0.100		77.4	40-140				
Endosulfan sulfate	0.0758	0.00400	"	0.100		75.8	40-140				
Endrin	0.0718	0.00400	"	0.100		71.8	40-140				
Endrin aldehyde	0.0798	0.0100	"	0.100		79.8	40-140				
Endrin ketone	0.0849	0.0100	"	0.100		84.9	40-140				
gamma-BHC (Lindane)	0.0615	0.00400	"	0.100		61.5	40-140				
gamma-Chlordane	0.0607	0.0100	"	0.100		60.7	40-140				
Heptachlor	0.0594	0.00400	"	0.100		59.4	40-140				
Heptachlor epoxide	0.0645	0.00400	"	0.100		64.5	40-140				
Methoxychlor	0.0835	0.00400	"	0.100		83.5	40-140				
Surrogate: Decachlorobiphenyl	*0.0704*		"	*0.200*		*35.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0916*		"	*0.200*		*45.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50546 - EPA SW846-3510C Low Level											
LCS Dup (BG50546-BSD1)									Prepared & Analyzed: 07/09/2025		
4,4'-DDD	0.0725	0.00400	ug/L	0.100		72.5	40-140		1.43	20	
4,4'-DDE	0.0622	0.00400	"	0.100		62.2	40-140		2.03	20	
4,4'-DDT	0.0770	0.00400	"	0.100		77.0	40-140		3.97	20	
Aldrin	0.0498	0.00400	"	0.100		49.8	40-140		1.48	20	
alpha-BHC	0.0596	0.00400	"	0.100		59.6	40-140		1.61	20	
alpha-Chlordane	0.0581	0.00400	"	0.100		58.1	40-140		1.23	20	
beta-BHC	0.0791	0.00400	"	0.100		79.1	40-140		0.0695	20	
delta-BHC	0.0572	0.00400	"	0.100		57.2	40-140		0.495	20	
Dieldrin	0.0659	0.00200	"	0.100		65.9	40-140		1.68	20	
Endosulfan I	0.0639	0.00400	"	0.100		63.9	40-140		1.32	20	
Endosulfan II	0.0741	0.00400	"	0.100		74.1	40-140		4.42	20	
Endosulfan sulfate	0.0734	0.00400	"	0.100		73.4	40-140		3.14	20	
Endrin	0.0704	0.00400	"	0.100		70.4	40-140		2.03	20	
Endrin aldehyde	0.0774	0.0100	"	0.100		77.4	40-140		3.11	20	
Endrin ketone	0.0819	0.0100	"	0.100		81.9	40-140		3.59	20	
gamma-BHC (Lindane)	0.0622	0.00400	"	0.100		62.2	40-140		1.17	20	
gamma-Chlordane	0.0606	0.0100	"	0.100		60.6	40-140		0.204	20	
Heptachlor	0.0609	0.00400	"	0.100		60.9	40-140		2.53	20	
Heptachlor epoxide	0.0639	0.00400	"	0.100		63.9	40-140		0.877	20	
Methoxychlor	0.0828	0.00400	"	0.100		82.8	40-140		0.854	20	
Surrogate: Decachlorobiphenyl	*0.0708*		"	*0.200*		*35.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.100*		"	*0.200*		*50.2*	*30-150*				
Batch BG50578 - EPA 3550C											
Blank (BG50578-BLK1)									Prepared & Analyzed: 07/09/2025		
4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
alpha-Chlordane	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
gamma-Chlordane	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.165	"								
Chlordane, total	ND	0.0330	"								
Surrogate: Decachlorobiphenyl	*0.0482*		"	*0.0667*		*72.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0472*		"	*0.0667*		*70.7*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50578 - EPA 3550C											
LCS (BG50578-BS1)									Prepared & Analyzed: 07/09/2025		
4,4'-DDD	0.0215	0.00165	mg/kg wet	0.0333		64.4	40-140				
4,4'-DDE	0.0203	0.00165	"	0.0333		60.8	40-140				
4,4'-DDT	0.0209	0.00165	"	0.0333		62.8	40-140				
Aldrin	0.0200	0.00165	"	0.0333		59.9	40-140				
alpha-BHC	0.0197	0.00165	"	0.0333		59.2	40-140				
alpha-Chlordane	0.0209	0.00165	"	0.0333		62.8	40-140				
beta-BHC	0.0230	0.00165	"	0.0333		69.0	40-140				
delta-BHC	0.0202	0.00165	"	0.0333		60.5	40-140				
Dieldrin	0.0213	0.00165	"	0.0333		64.0	40-140				
Endosulfan I	0.0235	0.00165	"	0.0333		70.5	40-140				
Endosulfan II	0.0232	0.00165	"	0.0333		69.6	40-140				
Endosulfan sulfate	0.0212	0.00165	"	0.0333		63.7	40-140				
Endrin	0.0219	0.00165	"	0.0333		65.8	40-140				
Endrin aldehyde	0.0163	0.00165	"	0.0333		49.0	40-140				
Endrin ketone	0.0221	0.00165	"	0.0333		66.2	40-140				
gamma-BHC (Lindane)	0.0198	0.00165	"	0.0333		59.4	40-140				
gamma-Chlordane	0.0210	0.00165	"	0.0333		63.1	40-140				
Heptachlor	0.0207	0.00165	"	0.0333		62.0	40-140				
Heptachlor epoxide	0.0216	0.00165	"	0.0333		64.8	40-140				
Methoxychlor	0.0231	0.00165	"	0.0333		69.4	40-140				
Surrogate: Decachlorobiphenyl	*0.0362*		"	*0.0667*		*54.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0360*		"	*0.0667*		*54.0*	*30-150*				
Matrix Spike (BG50578-MS1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)								Prepared & Analyzed: 07/09/2025		
4,4'-DDD	0.0386	0.00185	mg/kg dry	0.0374	ND	103	30-150				
4,4'-DDE	0.0367	0.00185	"	0.0374	ND	98.3	30-150				
4,4'-DDT	0.0370	0.00185	"	0.0374	ND	99.0	30-150				
Aldrin	0.0365	0.00185	"	0.0374	ND	97.7	30-150				
alpha-BHC	0.0364	0.00185	"	0.0374	ND	97.6	30-150				
alpha-Chlordane	0.0366	0.00185	"	0.0374	ND	97.9	30-150				
beta-BHC	0.0408	0.00185	"	0.0374	ND	109	30-150				
delta-BHC	0.0368	0.00185	"	0.0374	ND	98.5	30-150				
Dieldrin	0.0373	0.00185	"	0.0374	ND	99.9	30-150				
Endosulfan I	0.0384	0.00185	"	0.0374	ND	103	30-150				
Endosulfan II	0.0409	0.00185	"	0.0374	ND	110	30-150				
Endosulfan sulfate	0.0386	0.00185	"	0.0374	ND	103	30-150				
Endrin	0.0391	0.00185	"	0.0374	ND	105	30-150				
Endrin aldehyde	0.0298	0.00185	"	0.0374	ND	79.7	30-150				
Endrin ketone	0.0391	0.00185	"	0.0374	ND	105	30-150				
gamma-BHC (Lindane)	0.0362	0.00185	"	0.0374	ND	96.9	30-150				
gamma-Chlordane	0.0373	0.00185	"	0.0374	ND	99.7	30-150				
Heptachlor	0.0372	0.00185	"	0.0374	ND	99.6	30-150				
Heptachlor epoxide	0.0383	0.00185	"	0.0374	ND	103	30-150				
Methoxychlor	0.0397	0.00185	"	0.0374	ND	106	30-150				
Surrogate: Decachlorobiphenyl	*0.0556*		"	*0.0747*		*74.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0554*		"	*0.0747*		*74.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50578 - EPA 3550C											
Matrix Spike Dup (BG50578-MSD1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)								Prepared & Analyzed: 07/09/2025		
4,4'-DDD	0.0303	0.00185	mg/kg dry	0.0374	ND	81.1	30-150		24.1	30	
4,4'-DDE	0.0278	0.00185	"	0.0374	ND	74.5	30-150		27.5	30	
4,4'-DDT	0.0278	0.00185	"	0.0374	ND	74.4	30-150		28.3	30	
Aldrin	0.0280	0.00185	"	0.0374	ND	75.0	30-150		26.3	30	
alpha-BHC	0.0318	0.00185	"	0.0374	ND	85.1	30-150		13.6	30	
alpha-Chlordane	0.0296	0.00185	"	0.0374	ND	79.2	30-150		21.2	30	
beta-BHC	0.0355	0.00185	"	0.0374	ND	95.0	30-150		13.8	30	
delta-BHC	0.0318	0.00185	"	0.0374	ND	85.0	30-150		14.7	30	
Dieldrin	0.0316	0.00185	"	0.0374	ND	84.6	30-150		16.6	30	
Endosulfan I	0.0347	0.00185	"	0.0374	ND	92.9	30-150		10.1	30	
Endosulfan II	0.0344	0.00185	"	0.0374	ND	92.2	30-150		17.2	30	
Endosulfan sulfate	0.0331	0.00185	"	0.0374	ND	88.5	30-150		15.5	30	
Endrin	0.0321	0.00185	"	0.0374	ND	86.0	30-150		19.6	30	
Endrin aldehyde	0.0251	0.00185	"	0.0374	ND	67.2	30-150		17.0	30	
Endrin ketone	0.0332	0.00185	"	0.0374	ND	88.7	30-150		16.4	30	
gamma-BHC (Lindane)	0.0316	0.00185	"	0.0374	ND	84.5	30-150		13.7	30	
gamma-Chlordane	0.0298	0.00185	"	0.0374	ND	79.8	30-150		22.1	30	
Heptachlor	0.0291	0.00185	"	0.0374	ND	77.9	30-150		24.4	30	
Heptachlor epoxide	0.0326	0.00185	"	0.0374	ND	87.3	30-150		16.0	30	
Methoxychlor	0.0314	0.00185	"	0.0374	ND	84.0	30-150		23.3	30	
Surrogate: Decachlorobiphenyl	*0.0501*		*"*	*0.0747*		*67.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0505*		*"*	*0.0747*		*67.6*	*30-150*				
Batch S5B0502 - BB50048											
Performance Mix (S5B0502-PEM1)									Prepared & Analyzed: 02/05/2025		
4,4'-DDD	2.33		ng/mL	0.00			0-200				
4,4'-DDE	1.90		"	0.00			0-200				
4,4'-DDT	309		"	200		154	0-200				
Endrin	153		"	100		153	0-200				
Endrin aldehyde	2.50		"	0.00			0-200				
Endrin ketone	2.39		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5C1715 - BC50949											
Performance Mix (S5C1715-PEM1)								Prepared & Analyzed: 03/14/2025			
4,4'-DDD	3.06		ng/mL	0.00			0-200				
4,4'-DDE	1.84		"	0.00			0-200				
4,4'-DDT	247		"	200		123	0-200				
Endrin	138		"	100		138	0-200				
Endrin aldehyde	2.68		"	0.00			0-200				
Endrin ketone	2.10		"	0.00			0-200				
Batch S5E2829 - BE51982											
Performance Mix (S5E2829-PEM1)								Prepared & Analyzed: 05/28/2025			
4,4'-DDD	0.884		ng/mL	0.00			0-200				
4,4'-DDE	0.678		"	0.00			0-200				
4,4'-DDT	172		"	200		86.2	0-200				
Endrin	109		"	100		109	0-200				
Endrin aldehyde	0.519		"	0.00			0-200				
Endrin ketone	1.82		"	0.00			0-200				
Batch S5F0205 - BE52208											
Performance Mix (S5F0205-PEM1)								Prepared & Analyzed: 05/31/2025			
4,4'-DDD	1.42		ng/mL	0.00			0-200				
4,4'-DDE	0.970		"	0.00			0-200				
4,4'-DDT	212		"	200		106	0-200				
Endrin	137		"	100		137	0-200				
Endrin aldehyde	0.945		"	0.00			0-200				
Endrin ketone	2.59		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5F0208 - BE52289											
Performance Mix (S5F0208-PEM1)											Prepared & Analyzed: 06/02/2025
4,4'-DDD	1.55		ng/mL	0.00			0-200				
4,4'-DDE	0.853		"	0.00			0-200				
4,4'-DDT	185		"	200		92.3	0-200				
Endrin	111		"	100		111	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	1.92		"	0.00			0-200				
Batch S5G0816 - BG50354											
Performance Mix (S5G0816-PEM1)											Prepared & Analyzed: 07/07/2025
4,4'-DDD	3.07		ng/mL	0.00			0-200				
4,4'-DDE	1.72		"	0.00			0-200				
4,4'-DDT	273		"	200		136	0-200				
Endrin	169		"	100		169	0-200				
Endrin aldehyde	2.96		"	0.00			0-200				
Endrin ketone	4.27		"	0.00			0-200				
Performance Mix (S5G0816-PEM2)											Prepared & Analyzed: 07/07/2025
4,4'-DDD	6.82		ng/mL	0.00			0-200				
4,4'-DDE	1.70		"	0.00			0-200				
4,4'-DDT	267		"	200		134	0-200				
Endrin	165		"	100		165	0-200				
Endrin aldehyde	6.93		"	0.00			0-200				
Endrin ketone	8.66		"	0.00			0-200				
Performance Mix (S5G0816-PEM3)											Prepared & Analyzed: 07/07/2025
4,4'-DDD	22.3		ng/mL	0.00			0-200				
4,4'-DDE	1.82		"	0.00			0-200				
4,4'-DDT	266		"	200		133	0-200				
Endrin	170		"	100		170	0-200				
Endrin aldehyde	14.0		"	0.00			0-200				
Endrin ketone	15.1		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5G0927 - BG50595											
Performance Mix (S5G0927-PEM1)								Prepared & Analyzed: 07/09/2025			
4,4'-DDD	4.57		ng/mL	0.00			0-200				
4,4'-DDE	1.24		"	0.00			0-200				
4,4'-DDT	183		"	200		91.3	0-200				
Endrin	114		"	100		114	0-200				
Endrin aldehyde	1.36		"	0.00			0-200				
Endrin ketone	3.41		"	0.00			0-200				
Performance Mix (S5G0927-PEM2)								Prepared & Analyzed: 07/09/2025			
4,4'-DDD	3.28		ng/mL	0.00			0-200				
4,4'-DDE	0.798		"	0.00			0-200				
4,4'-DDT	192		"	200		96.2	0-200				
Endrin	115		"	100		115	0-200				
Endrin aldehyde	2.40		"	0.00			0-200				
Endrin ketone	4.56		"	0.00			0-200				
Performance Mix (S5G0927-PEM3)								Prepared: 07/09/2025 Analyzed: 07/10/2025			
4,4'-DDD	1.26		ng/mL	0.00			0-200				
4,4'-DDE	1.04		"	0.00			0-200				
4,4'-DDT	207		"	200		103	0-200				
Endrin	122		"	100		122	0-200				
Endrin aldehyde	1.01		"	0.00			0-200				
Endrin ketone	1.91		"	0.00			0-200				
Batch S5G1012 - BG50546											
Performance Mix (S5G1012-PEM1)								Prepared & Analyzed: 07/09/2025			
4,4'-DDD	1.52		ng/mL	0.00			0-200				
4,4'-DDE	0.930		"	0.00			0-200				
4,4'-DDT	189		"	200		94.3	0-200				
Endrin	117		"	100		117	0-200				
Endrin aldehyde	0.651		"	0.00			0-200				
Endrin ketone	1.84		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5G1012 - BG50546											
Performance Mix (S5G1012-PEM2)											Prepared & Analyzed: 07/09/2025
4,4'-DDD	4.64		ng/mL	0.00			0-200				
4,4'-DDE	0.922		"	0.00			0-200				
4,4'-DDT	191		"	200		95.3	0-200				
Endrin	117		"	100		117	0-200				
Endrin aldehyde	3.22		"	0.00			0-200				
Endrin ketone	5.99		"	0.00			0-200				
Performance Mix (S5G1012-PEM3)											Prepared: 07/09/2025 Analyzed: 07/10/2025
4,4'-DDD	1.36		ng/mL	0.00			0-200				
4,4'-DDE	0.832		"	0.00			0-200				
4,4'-DDT	215		"	200		107	0-200				
Endrin	130		"	100		130	0-200				
Endrin aldehyde	0.280		"	0.00			0-200				
Endrin ketone	1.70		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50353 - EPA 3550C											
Blank (BG50353-BLK1)											Prepared: 07/07/2025 Analyzed: 07/08/2025
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0395*		"	*0.0664*		*59.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0379*		"	*0.0664*		*57.0*	*30-120*				
LCS (BG50353-BS2)											Prepared: 07/07/2025 Analyzed: 07/08/2025
Aroclor 1016	0.219	0.0166	mg/kg wet	0.332		65.8	40-130				
Aroclor 1260	0.200	0.0166	"	0.332		60.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0399*		"	*0.0664*		*60.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0379*		"	*0.0664*		*57.0*	*30-120*				
Matrix Spike (BG50353-MS2)	*Source sample: 25G0333-23 (PCI-B-11-6.0-7.5)										Prepared: 07/07/2025 Analyzed: 07/08/2025
Aroclor 1016	0.218	0.0178	mg/kg dry	0.356	ND	61.2	40-140				
Aroclor 1260	0.206	0.0178	"	0.356	ND	57.7	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0399*		"	*0.0713*		*56.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0406*		"	*0.0713*		*57.0*	*30-120*				
Matrix Spike Dup (BG50353-MSD2)	*Source sample: 25G0333-23 (PCI-B-11-6.0-7.5)										Prepared: 07/07/2025 Analyzed: 07/08/2025
Aroclor 1016	0.256	0.0178	mg/kg dry	0.356	ND	71.8	40-140		15.9	50	
Aroclor 1260	0.245	0.0178	"	0.356	ND	68.8	40-140		17.5	50	
Surrogate: Tetrachloro-m-xylene	*0.0502*		"	*0.0713*		*70.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0502*		"	*0.0713*		*70.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50545 - EPA SW846-3510C Low Level											
Blank (BG50545-BLK1)									Prepared & Analyzed: 07/09/2025		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0860*		"	*0.200*		*43.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0870*		"	*0.200*		*43.5*	*30-120*				
LCS (BG50545-BS2)									Prepared & Analyzed: 07/09/2025		
Aroclor 1016	0.869	0.0500	ug/L	1.00		86.9	40-120				
Aroclor 1260	0.858	0.0500	"	1.00		85.8	40-120				
Surrogate: Tetrachloro-m-xylene	*0.146*		"	*0.200*		*73.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.108*		"	*0.200*		*54.0*	*30-120*				
Batch BG50576 - EPA 3550C											
Blank (BG50576-BLK2)									Prepared: 07/09/2025 Analyzed: 07/10/2025		
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0483*		"	*0.0667*		*72.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0380*		"	*0.0667*		*57.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50576 - EPA 3550C											
LCS (BG50576-BS2)									Prepared: 07/09/2025 Analyzed: 07/10/2025		
Aroclor 1016	0.287	0.0167	mg/kg wet	0.333		86.0	40-130				
Aroclor 1260	0.266	0.0167	"	0.333		79.7	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0607*		"	*0.0667*		*91.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0457*		"	*0.0667*		*68.5*	*30-120*				
Matrix Spike (BG50576-MS2)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)								Prepared: 07/09/2025 Analyzed: 07/10/2025		
Aroclor 1016	0.446	0.0187	mg/kg dry	0.374	ND	119	40-140				
Aroclor 1260	0.418	0.0187	"	0.374	ND	112	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0818*		"	*0.0747*		*110*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0594*		"	*0.0747*		*79.5*	*30-120*				
Matrix Spike Dup (BG50576-MSD2)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)								Prepared: 07/09/2025 Analyzed: 07/10/2025		
Aroclor 1016	0.382	0.0187	mg/kg dry	0.374	ND	102	40-140		15.4	50	
Aroclor 1260	0.356	0.0187	"	0.374	ND	95.2	40-140		16.1	50	
Surrogate: Tetrachloro-m-xylene	*0.0695*		"	*0.0747*		*93.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0527*		"	*0.0747*		*70.5*	*30-120*				
Batch S5G0739 - BG50353											
Aroclor Reference (S5G0739-ARC1)									Prepared & Analyzed: 07/07/2025		
Aroclor 1254	1.88		ug/mL	2.00		93.8					
Aroclor 1254 (1)	1.88		"	2.00		94.2					
Aroclor 1254 (2)	1.88		"	2.00		93.9					
Aroclor 1254 (3)	1.86		"	2.00		93.2					
Aroclor 1254 (4)	1.87		"	2.00		93.6					
Aroclor 1254 (5)	1.88		"	2.00		93.9					
Aroclor 1254 [2C]	2.17		"	2.00		109					
Aroclor 1254 (1) [2C]	2.84		"	2.00		142					
Aroclor 1254 (2) [2C]	1.86		"	2.00		93.0					
Aroclor 1254 (3) [2C]	1.94		"	2.00		97.2					
Aroclor 1254 (4) [2C]	1.98		"	2.00		99.1					
Aroclor 1254 (5) [2C]	2.24		"	2.00		112					
Surrogate: Tetrachloro-m-xylene	*0.179*		"	*0.200*		*89.5*					
Surrogate: Decachlorobiphenyl	*0.154*		"	*0.200*		*77.0*					

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5G1029 - BG50545											
Aroclor Reference (S5G1029-ARC1)											Prepared & Analyzed: 07/09/2025
Aroclor 1254	1.83		ug/mL	2.00		91.7					
Aroclor 1254 (1)	1.89		"	2.00		94.6					
Aroclor 1254 (2)	1.87		"	2.00		93.6					
Aroclor 1254 (3)	1.82		"	2.00		91.1					
Aroclor 1254 (4)	1.80		"	2.00		90.1					
Aroclor 1254 (5)	1.79		"	2.00		89.4					
Aroclor 1254 [2C]	1.97		"	2.00		98.4					
Aroclor 1254 (1) [2C]	1.98		"	2.00		99.0					
Aroclor 1254 (2) [2C]	1.89		"	2.00		94.7					
Aroclor 1254 (3) [2C]	1.90		"	2.00		94.8					
Aroclor 1254 (4) [2C]	1.93		"	2.00		96.5					
Aroclor 1254 (5) [2C]	2.14		"	2.00		107					
Surrogate: Tetrachloro-m-xylene	*0.185*		*"*	*0.200*		*92.5*					
Surrogate: Decachlorobiphenyl	*0.135*		*"*	*0.200*		*67.5*					

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50487 - EPA 3050B											
Blank (BG50487-BLK1)											Prepared: 07/08/2025 Analyzed: 07/09/2025
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BG50487-DUP1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)										Prepared: 07/08/2025 Analyzed: 07/09/2025
Aluminum	32200	4.67	mg/kg dry		17200				60.7	35	Non-dir.
Antimony	ND	2.33	"		ND					35	
Arsenic	11.7	1.40	"		5.80				67.3	35	Non-dir.
Barium	168	2.33	"		81.5				69.4	35	Non-dir.
Beryllium	1.40	0.047	"		0.693				67.4	35	Non-dir.
Cadmium	0.504	0.280	"		ND					35	
Calcium	25200	4.67	"		7700				106	35	Non-dir.
Chromium	52.2	0.467	"		25.4				69.0	35	Non-dir.
Cobalt	24.5	0.373	"		12.3				66.6	35	Non-dir.
Copper	74.9	1.87	"		36.2				69.7	35	Non-dir.
Iron	59500	23.3	"		30800				63.5	35	Non-dir.
Lead	26.1	0.467	"		13.4				64.0	35	Non-dir.
Magnesium	14100	4.67	"		7040				66.6	35	Non-dir.
Manganese	1550	0.467	"		970				46.3	35	Non-dir.
Nickel	52.3	0.930	"		27.2				63.2	35	Non-dir.
Potassium	4250	4.67	"		2210				63.3	35	Non-dir.
Selenium	ND	2.33	"		ND					35	
Silver	ND	0.471	"		ND					35	
Sodium	143	46.7	"		78.8				57.8	35	Non-dir.
Thallium	ND	1.87	"		ND					35	
Vanadium	37.8	0.930	"		20.2				60.9	35	Non-dir.
Zinc	135	2.33	"		74.7				57.6	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50487 - EPA 3050B											
Matrix Spike (BG50487-MS1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)									Prepared: 07/08/2025 Analyzed: 07/09/2025	
Aluminum	16500	4.67	mg/kg dry	187	17200	NR	75-125	Low Bias			
Antimony	6.32	2.33	"	23.3	ND	27.1	75-125	Low Bias			
Arsenic	194	1.40	"	187	5.80	101	75-125				
Barium	270	2.33	"	187	81.5	101	75-125				
Beryllium	5.89	0.047	"	4.67	0.693	111	75-125				
Cadmium	4.61	0.280	"	4.67	ND	98.8	75-125				
Calcium	5390	4.67	"	93.4	7700	NR	75-125	Low Bias			
Chromium	43.4	0.467	"	18.7	25.4	96.1	75-125				
Cobalt	60.7	0.373	"	46.7	12.3	104	75-125				
Copper	61.3	1.87	"	23.3	36.2	108	75-125				
Iron	30500	23.3	"	93.4	30800	NR	75-125	Low Bias			
Lead	58.5	0.467	"	46.7	13.4	96.6	75-125				
Magnesium	6870	4.67	"	93.4	7040	NR	75-125	Low Bias			
Manganese	712	0.467	"	46.7	970	NR	75-125	Low Bias			
Nickel	75.2	0.930	"	46.7	27.2	103	75-125				
Potassium	2040	4.67	"	93.4	2210	NR	75-125	Low Bias			
Selenium	186	2.33	"	187	ND	99.5	75-125				
Silver	5.27	0.471	"	4.67	ND	113	75-125				
Sodium	172	46.7	"	93.4	78.8	100	75-125				
Thallium	187	1.87	"	187	ND	100	75-125				
Vanadium	68.1	0.930	"	46.7	20.2	103	75-125				
Zinc	120	2.33	"	46.7	74.7	96.3	75-125				
Post Spike (BG50487-PS1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)									Prepared: 07/08/2025 Analyzed: 07/09/2025	
Aluminum	183		ug/mL	2.00	184	NR	75-125	Low Bias			
Antimony	0.258		"	0.250	-0.011	103	75-125				
Arsenic	2.05		"	2.00	0.062	99.2	75-125				
Barium	2.83		"	2.00	0.872	97.8	75-125				
Beryllium	0.060		"	0.0500	0.007	105	75-125				
Cadmium	0.048		"	0.0500	0.003	91.0	75-125				
Calcium	81.7		"	1.00	82.4	NR	75-125	Low Bias			
Chromium	0.463		"	0.200	0.272	95.4	75-125				
Cobalt	0.616		"	0.500	0.131	97.0	75-125				
Copper	0.658		"	0.250	0.387	109	75-125				
Iron	325		"	1.00	330	NR	75-125	Low Bias			
Lead	0.622		"	0.500	0.144	95.6	75-125				
Magnesium	74.9		"	1.00	75.3	NR	75-125	Low Bias			
Manganese	10.7		"	0.500	10.4	58.8	75-125	Low Bias			
Nickel	0.778		"	0.500	0.291	97.3	75-125				
Potassium	24.0		"	1.00	23.6	35.3	75-125	Low Bias			
Selenium	1.94		"	2.00	-0.017	96.9	75-125				
Silver	0.057		"	0.0500	0.003	109	75-125				
Sodium	1.84		"	1.00	0.844	99.3	75-125				
Thallium	1.97		"	2.00	-0.003	98.3	75-125				
Vanadium	0.714		"	0.500	0.216	99.6	75-125				
Zinc	1.25		"	0.500	0.799	89.3	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50487 - EPA 3050B											
Reference (BG50487-SRM1)											
Prepared: 07/08/2025 Analyzed: 07/09/2025											
Aluminum	7130	4.17	mg/kg wet	6840		104	53.2-146.2				
Antimony	55.8	2.08	"	101		55.2	0.1-199				
Arsenic	136	1.25	"	148		91.6	81.1-119.6				
Barium	183	2.08	"	191		96.0	81.7-118.3				
Beryllium	235	0.042	"	240		97.9	82.1-117.5				
Cadmium	168	0.250	"	190		88.3	82.1-118.4				
Calcium	3840	4.17	"	4030		95.3	82.1-117.9				
Chromium	126	0.417	"	132		95.6	81.1-118.9				
Cobalt	121	0.333	"	126		95.7	82.5-117.5				
Copper	238	1.67	"	234		102	82.9-117.5				
Iron	6120	20.8	"	6830		89.6	59.7-140.4				
Lead	89.1	0.417	"	98.6		90.4	81.8-117.6				
Magnesium	1960	4.17	"	1960		100	76-124				
Manganese	253	0.417	"	244		104	80.7-119.3				
Nickel	149	0.830	"	155		96.3	81.9-118.1				
Potassium	2050	4.17	"	2070		99.0	71-128.5				
Selenium	109	2.08	"	124		88.3	78.5-121				
Silver	52.4	0.420	"	54.9		95.5	79.4-120.8				
Sodium	286	41.7	"	275		104	73.5-126.2				
Thallium	170	1.67	"	183		92.8	80.3-119.7				
Vanadium	131	0.830	"	137		95.6	78.1-121.9				
Zinc	312	2.08	"	345		90.4	79.4-120.6				
Batch BG50539 - EPA 3015A											
Blank (BG50539-BLK1)											
Prepared & Analyzed: 07/09/2025											
Aluminum	ND	0.056	mg/L								
Antimony	ND	0.028	"								
Arsenic	ND	0.017	"								
Barium	ND	0.028	"								
Beryllium	ND	0.0006	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.056	"								
Chromium	ND	0.006	"								
Cobalt	ND	0.004	"								
Copper	ND	0.022	"								
Iron	ND	0.278	"								
Lead	ND	0.006	"								
Magnesium	ND	0.056	"								
Manganese	ND	0.006	"								
Nickel	ND	0.011	"								
Potassium	ND	0.056	"								
Selenium	ND	0.028	"								
Silver	ND	0.006	"								
Sodium	ND	0.556	"								
Thallium	ND	0.028	"								
Vanadium	ND	0.011	"								
Zinc	ND	0.028	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50539 - EPA 3015A											
LCS (BG50539-BS1)								Prepared & Analyzed: 07/09/2025			
Aluminum	2.25		ug/mL	2.00		113	80-120				
Antimony	0.260		"	0.250		104	80-120				
Arsenic	2.05		"	2.00		102	80-120				
Barium	2.28		"	2.00		114	80-120				
Beryllium	0.057		"	0.0500		113	80-120				
Cadmium	0.052		"	0.0500		104	80-120				
Calcium	1.54		"	1.00		154	80-120	High Bias			
Chromium	0.224		"	0.200		112	80-120				
Cobalt	0.569		"	0.500		114	80-120				
Copper	0.287		"	0.250		115	80-120				
Iron	1.09		"	1.00		109	80-120				
Lead	0.526		"	0.500		105	80-120				
Magnesium	1.15		"	1.00		115	80-120				
Manganese	0.568		"	0.500		114	80-120				
Nickel	0.572		"	0.500		114	80-120				
Potassium	1.13		"	1.00		113	80-120				
Selenium	1.96		"	2.00		98.1	80-120				
Silver	0.054		"	0.0500		107	80-120				
Sodium	1.24		"	1.00		124	80-120	High Bias			
Thallium	2.15		"	2.00		107	80-120				
Vanadium	0.555		"	0.500		111	80-120				
Zinc	0.566		"	0.500		113	80-120				
Batch BG50597 - EPA 3050B											
Blank (BG50597-BLK1)								Prepared: 07/09/2025 Analyzed: 07/10/2025			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50597 - EPA 3050B											
Reference (BG50597-SRM1)											
Prepared: 07/09/2025 Analyzed: 07/10/2025											
Aluminum	7760	4.17	mg/kg wet	6840		113	53.2-146.2				
Antimony	58.3	2.08	"	101		57.7	0.1-199				
Arsenic	148	1.25	"	148		100	81.1-119.6				
Barium	202	2.08	"	191		106	81.7-118.3				
Beryllium	258	0.042	"	240		108	82.1-117.5				
Cadmium	190	0.250	"	190		100	82.1-118.4				
Calcium	4080	4.17	"	4030		101	82.1-117.9				
Chromium	136	0.417	"	132		103	81.1-118.9				
Cobalt	132	0.333	"	126		105	82.5-117.5				
Copper	264	1.67	"	234		113	82.9-117.5				
Iron	6760	20.8	"	6830		99.0	59.7-140.4				
Lead	92.9	0.417	"	98.6		94.2	81.8-117.6				
Magnesium	2120	4.17	"	1960		108	76-124				
Manganese	258	0.417	"	244		106	80.7-119.3				
Nickel	163	0.830	"	155		105	81.9-118.1				
Potassium	2140	4.17	"	2070		103	71-128.5				
Selenium	123	2.08	"	124		99.0	78.5-121				
Silver	56.7	0.420	"	54.9		103	79.4-120.8				
Sodium	296	41.7	"	275		108	73.5-126.2				
Thallium	186	1.67	"	183		102	80.3-119.7				
Vanadium	140	0.830	"	137		102	78.1-121.9				
Zinc	341	2.08	"	345		99.0	79.4-120.6				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50435 - EPA 7473 soil											
Blank (BG50435-BLK1)								Prepared & Analyzed: 07/08/2025			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BG50435-DUP1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)							Prepared & Analyzed: 07/08/2025			
Mercury	ND	0.0336	mg/kg dry		ND					35	
Matrix Spike (BG50435-MS1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)							Prepared & Analyzed: 07/08/2025			
Mercury	0.852		mg/kg	1.00	0.0272	82.5	75-125				
Reference (BG50435-SRM1)								Prepared & Analyzed: 07/08/2025			
Mercury	19.115		mg/kg	24.0		79.6	55.8-109.6				
Batch BG50534 - EPA SW846-7470A											
Blank (BG50534-BLK1)								Prepared & Analyzed: 07/09/2025			
Mercury	ND	0.0002	mg/L								
Blank (BG50534-BLK2)								Prepared & Analyzed: 07/09/2025			
Mercury	ND	0.0002	mg/L								
LCS (BG50534-BS1)								Prepared & Analyzed: 07/09/2025			
Mercury	0.0020506	0.0002	mg/L	0.00200		103	80-120				
LCS (BG50534-BS2)								Prepared & Analyzed: 07/09/2025			
Mercury	0.0019959	0.0002	mg/L	0.00200		99.8	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50601 - Analysis Preparation Soil											
Blank (BG50601-BLK1)								Prepared & Analyzed: 07/09/2025			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BG50601-SRM1)								Prepared & Analyzed: 07/09/2025			
Cyanide, total	115		ug/mL	111		104	43.5-170				
Batch BG50717 - Analysis Preparation											
Blank (BG50717-BLK1)								Prepared & Analyzed: 07/10/2025			
Cyanide, total	ND	0.0100	mg/L								
LCS (BG50717-BS1)								Prepared & Analyzed: 07/10/2025			
Cyanide, total	0.102	0.0100	mg/L	0.100		102	80-120				
Batch BG50719 - Analysis Preparation Soil											
Blank (BG50719-BLK1)								Prepared & Analyzed: 07/10/2025			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BG50719-DUP1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)							Prepared & Analyzed: 07/10/2025			
Cyanide, total	ND	0.560	mg/kg dry		ND					15	
Matrix Spike (BG50719-MS1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)							Prepared & Analyzed: 07/10/2025			
Cyanide, total	6.27	0.560	mg/kg dry	5.60	ND	112	79.6-107	High Bias			
Matrix Spike Dup (BG50719-MSD1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)							Prepared & Analyzed: 07/10/2025			
Cyanide, total	5.96	0.560	mg/kg dry	5.60	ND	106	79.6-107		5.03	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50719 - Analysis Preparation Soil											
Reference (BG50719-SRM1)									Prepared & Analyzed: 07/10/2025		
Cyanide, total	138		ug/mL	111		124	43.5-170				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50520 - % Solids Prep											
Duplicate (BG50520-DUP1)	*Source sample: 25G0333-11 (PCI-B-03-10.0-12.0)							Prepared & Analyzed: 07/09/2025			
% Solids	88.9	0.100	%		89.2				0.384	20	
Batch BG50618 - % Solids Prep											
Duplicate (BG50618-DUP1)	*Source sample: 25G0333-04 (PCI-B-08-0.0-0.17)							Prepared & Analyzed: 07/09/2025			
% Solids	77.0	0.100	%		80.2				4.08	20	
Batch BG50619 - % Solids Prep											
Duplicate (BG50619-DUP1)	*Source sample: 25G0333-28 (PCI-B-22-0.0-0.17)							Prepared & Analyzed: 07/09/2025			
% Solids	92.8	0.100	%		94.1				1.41	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25G0333-01	PCI-EB01-250702	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G0333-03	PCI-TB01-250702	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G0333-07	PCI-B-08-10.0-12.0	40mL Vial with Stir Bar-Cool 4° C
25G0333-11	PCI-B-03-10.0-12.0	40mL Vial with Stir Bar-Cool 4° C
25G0333-27	PCI-B-07-7.0-9.5	40mL Vial with Stir Bar-Cool 4° C
25G0333-39	PCI-B-14-6.0-8.0	40mL Vial with Stir Bar-Cool 4° C
25G0333-43	PCI-B-26-4.0-6.0	40mL Vial with Stir Bar-Cool 4° C
25G0333-44	PCI-FD01-250702	40mL Vial with Stir Bar-Cool 4° C
25G0333-50	PCI-B-1-4.0-5.0	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
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.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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.

Field Chain-of-Custody Record

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YORK Project Number: 25G0333

Report To:	Invoice To:	YOUR Project Name / Number
Company: C.T. Male Associates	Company: C.T. Male Associates	HVRA N. Hangar 18.8090
Address: 50 Century Hill Drive Latham, NY 12110	Address: 50 Century Hill Drive Latham, NY 12110	
Phone.: 518-786-7400	Phone.: 518-786-7400	PO Number: 18.8090 Task 230
Contact: Eric White	Contact: Eric White	
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.com	

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) [X]; PFAS Standard 7-10 Day [X]

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

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/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:	PFAS by 1633	TCL VOCs + 10 TICs	TCL SVOCs + 20 TICs (incl. 1,4-Dioxane)	Pesticides	PCBs	TAL Metals	Cyanide			Hold PFAS sample for analysis *	Hold TCL/TAL list for Analysis *	Grab or Comp. G/C
PCI-EB01-250702	7/2/25	7:45	W	X			X		X					X	X	X	X	X	X	X					G
PCI-EB02-250702		8:00	W	X										X											G
PCI-TB01-250702		-	W		X										X										G
PCI-B-08-0.0-0.17		~~9:35~~ 9:35	S	X										X											G
PCI-B-08-0.17-1.0		9:40	S	X										X											G
PCI-B-08-1.0-2.0		9:45	S	X										X											G
PCI-B-08-10.0-12.0		9:50	S	X		X							X	X	X	X	X	X	X	X			X		G
PCI-B-03-0.0-0.17		10:40	S	X										X											G
PCI-B-03-0.17-1.0		10:45	S	X										X											G
PCI-B-03-1.0-2.0		10:50	S	X										X											G
PCI-B-03-10.0-12.0		11:05	S	X		X							X	X	X	X	X	X	X	X					G
PCI-B-05-0.0-0.17		11:15	S	X										X											G
PCI-B-05-0.17-1.0		11:20	S	X										X											G
PCI-B-05-1.0-2.0		11:25	S	X										X											G
PCI-B-05-8.0-10.0		11:30	S	X										X									X		G

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

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Field Filtered; Lab Filtered

Comments: * see Analysis column for samples to be held for analysis

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)

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
E. White C.T. Male	7/3/25				
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	7/3/25 16:49				
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	7/3/25 18:45				7/3/25 18:45 2.5 Degrees C

Field Chain-of-Custody Record

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YORK Project Number: 25G0333

Report To:	Invoice To:
Company: C.T. Male Associates	Company: C.T. Male Associates
Address: 50 Century Hill Drive Latham, NY 12110	Address: 50 Century Hill Drive Latham, NY 12110
Phone.: 518-786-7400	Phone.: 518-786-7400
Contact: Eric White	Contact: Eric White
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.com

YOUR Project Name / Number: HVRA N-Hangar 18.8090

PO Number: 18.8090 Task 230

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) [X] PFAS Standard 7-10 Day [X]

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Samples Collected by: (print AND sign your name)

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PCI-B-12-0.0-0.17	7/2/25	11:55	S	X										X											G
PCI-B-12-0.17-1.0 (MD)		12:00	S	X										X											G
PCI-B-12-1.0-2.0		12:05	S	X										X											G
PCI-B-12-10.0-11.0		12:10	S	X										X									X		G
PCI-B-11-0.0-0.17		12:35	S	X										X											G
PCI-B-11-0.17-1.0		12:40	S	X										X											G
PCI-B-11-1.0-2.0		12:45	S	X										X											G
PCI-B-11-6.0-7.5		12:50	S	X		X							X	X	X	X	X	X	X	X			X	X	G
PCI-B-07-0.0-0.17		13:05	S	X										X											G
PCI-B-07-0.17-1.0		13:10	S	X										X											G
PCI-B-07-1.0-2.0		13:15	S	X										X											G
PCI-B-07-7.0-9.5		13:20	S	X		X							X	X	X	X	X	X	X	X					G
PCI-B-22-0.0-0.17		14:10	S	X										X											G
PCI-B-22-0.17-1.0		14:15	S	X										X											G
PCI-B-22-1.0-2.0		14:20	S	X										X											G

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:

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Field Filtered [ ] Lab Filtered [ ]

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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

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
White C.T. Male	7/3/25				
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	7/3/25 16:45				
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received by LAB by	Date/Time / Temperature
	7/3/25 18:45				7/3/25 18:45 2.5 Degrees C

Field Chain-of-Custody Record

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YORK Project Number: 25G0333

Report To:	Invoice To:	YOUR Project Name / Number
Company: C.T. Male Associates	Company: C.T. Male Associates	HVRA N-Hangar 18.8090
Address: 50 Century Hill Drive Latham, NY 12110	Address: 50 Century Hill Drive Latham, NY 12110	PO Number: 18.8090 Task 230
Phone: 518-786-7400	Phone: 518-786-7400	
Contact: Eric White	Contact: Eric White	
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.com	

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

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Preservative (please list number of containers)

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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:	PFAS by 1633	TCL VOCs + 10 TICs	TCL SVOCs +20 TICs Incl. 1,4-Dioxane	Pesticides	PCBs	TAL Metals	Cyanide			Hold PFAS sample for analysis	Hold TCL/TAL list for analysis	Grab or Comp.
PCI-B-22-7.0-8.0	7/2/25	14:25	S	X										X									X		G
PCI-B-19-0.0-0.17		14:40	S	X										X											G
PCI-B-19-0.17-1.0		14:45	S	X										X											G
PCI-B-19-1.0-2.0		14:50	S	X										X											G
PCI-B-19-7.0-9.0		14:55	S	X										X									X		G
PCI-B-14-0.0-0.17		15:20	S	X										X											G
PCI-B-14-0.17-1.0		15:25	S	X										X											G
PCI-B-14-1.0-2.0		15:30	S	X										X											G
PCI-B-14-6.0-8.0		15:35	S	X		X							X	X	X	X	X	X	X	X					G
PCI-B-26-0.0-0.17		15:50	S	X										X											G
PCI-B-26-0.17-1.0		15:55	S	X										X											G
PCI-B-26-1.0-2.0		16:00	S	X										X											G
PCI-B-26-4.0-6.0		1605	S	X		X							X	X	X	X	X	X	X	X					G
PCI-FD01-250702		—	S	X		X							X	X	X	X	X	X	X	X					G
PCI-MC01-250703	7/3/25	8:30	S	X										X											G

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

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Field Filtered; Lab Filtered

Comments: * See Analysis column for samples to be held for analysis

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

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
E. White C.T. Male	7/3/25				
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	7/3/25 16:44				
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	7/3/25 18:45				7/3/25 18:45 2.5 Degrees C

Field Chain-of-Custody Record

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Contact: Eric White	Contact: Eric White	
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.com	

Samples Collected From: NY X, NJ, CT, PA, Other: (please specify)

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PCI-RB01-250703	7/3/25	10:25	W	X										X											G
PCI-B-1-0.0-0.17		9:25	S	X										X											G
PCI-B-1-0.17-1.0		9:30	S	X										X											G
PCI-B-1-1.0-2.0		9:35	S	X										X											G
PCI-B-1-4.0-5.0		9:40	S	X		X							X	X	X	X	X	X	X	X			X		G
~~PCI-B-2-0.0-0.17~~		~~10:00~~	S	X	CW									X											G
~~PCI-B-2-0.17-1.0~~		~~10:05~~	S	X	CW								CW	X											G
~~PCI-B-2-1.0-2.0~~		~~10:10~~	S	X	CW									X											G
PCI-FD02-250702		-	S	X										X											G
PCI-FD03-250702		-	S	X										X											G

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C.T. Male	7/3/25				
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	7/3/25 16:45				
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received by LAB by	Date/Time / Temperature
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Phone: 518-786-7400	Phone: 518-786-7400	18.8090 Task 230
Contact: Eric White	Contact: Eric White	
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.com	

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Turn-Around Time
- RUSH - Next Day [ ]
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PCI-EB02-250702		8:00	W	X										X											G
PCI-TB01-250702		—	W		X										X										G
PCI-B-08_0.0-0.17		~~9:35~~	S	X										X											G
PCI-B-08_0.17-1.0		9:40	S	X										X											G
PCI-B-08_1.0-2.0		9:45	S	X										X											G
PCI-B-08_10.0-12.0		9:50	S	X									X	X		X	X	X	X	X			X		G
PCI-B-03_0.0-0.17		10:40	S	X										X											G
PCI-B-03_0.17-1.0		10:45	S	X										X											G
PCI-B-03_1.0-2.0 (EV)		10:50	S	X										X											G
PCI-B-03_10.0-12.0 MS MSD		11:05	S	X		X							X	X	X	X	X	X	X	X					G
PCI-B-05_0.0-0.17		11:15	S	X										X											G
PCI-B-05_0.17-1.0		11:20	S	X										X											G
PCI-B-05_1.0-2.0		11:25	S	X										X											G
PCI-B-05_8.0-10.0	↓	11:30	S	X										X									X		G

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)

PCM 375

PC-C SCOs

- Field Filtered [ ]
- Lab Filtered [ ]

Comments: * SCC Analysis column for samples to be held for analysis

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	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
E. White C.T. Male	7/3/25				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	7/3/25 16:49				
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature Degrees C

Field Chain-of-Custody Record

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YORK Project Number

Report To:
Company: C.T. Male Associates
Address: 50 Century Hill Drive Latham, NY 12110
Phone: 518-786-7400
Contact: Eric White
E-mail: e.white@ctmale.com

Invoice To:
Company: C.T. Male Associates
Address: 50 Century Hill Drive Latham, NY 12110
Phone: 518-786-7400
Contact: Eric White
E-mail: e.white@ctmale.com

YOUR Project Name / Number: HVRA N-Hangar 18.8090

PO Number: 18.8090 Task 230

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) [X]
PFAS Standard 7-10 Day [X]

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

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil/solid/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:	PFAS by 1633	TCL VOCs + 10 TICs	TCL SVOCs + 20 TICs incl. 1,4-Dioxane	Pesticides	PCBs	TAL Metals	Cyanide			* Hold PFAS sample for analysis	* Hold TCL/TAL list for analysis	Grab or Comp. G/C
PCI-B-12-0.0-0.17	7/2/25	11:55	S	X										X											G
PCI-B-12-0.17-1.0	"	12:00	S	X										X											G
PCI-B-12-1.0-2.0		12:05	S	X										X											G
PCI-B-12-10.0-11.0		12:10	S	X										X									X		G
PCI-B-11-0.0-0.17		12:35	S	X										X											G
PCI-B-11-0.17-1.0		12:40	S	X										X											G
PCI-B-11-1.0-2.0		12:45	S	X										X											G
PCI-B-11-10.0-11.5		12:50	S	X		X							X	X	X	X	X	X	X	X			X	X	G
PCI-B-07-0.0-0.17		13:05	S	X										X											G
PCI-B-07-0.17-1.0		13:10	S	X										X											G
PCI-B-07-1.0-2.0		13:15	S	X										X											G
PCI-B-07-7.0-9.5		13:20	S	X		X							X	X	X	X	X	X	X	X					G
PCI-B-22-0.0-0.17		14:10	S	X										X											G
PCI-B-22-0.17-1.0		14:15	S	X										X											G
PCI-B-22-1.0-2.0 MS/MSD		11:20	S	X										X											G

Matrix Codes
G - Grab
C - Composite

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)
Part 375
PG + C SCOs

Field Filtered [ ]
Lab Filtered [ ]

Comments: * See Analysis Column for samples to be held for analysis

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

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Via C.T. Male	7/3/25				
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	7/3/25 16:45				
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					Degrees C

Field Chain-of-Custody Record

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YORK Project Number

Report To:	Invoice To:	YOUR Project Name / Number
Company: C.T. Male Associates	Company: C.T. Male Associates	HVRA N-Hangar
Address: 50 Century Hill Drive Latham, NY 12110	Address: 50 Century Hill Drive Latham, NY 12110	13.5090
Phone: 518-786-7400	Phone: 518-786-7400	PO Number
Contact: Eric White	Contact: Eric White	13.5090 Task 230
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.com	

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

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

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/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:	PFAS by 1633	TCL VOCs + 10 TICs	TCL SVOCs +20 TICs incl. 1,4-Dioxane	Pesticides	PCBs	TAL Metals	Cyanide			* Hold PFAS sample for analysis	* Hold TCL/TAL list for analysis	Grab or Comp. G/C
PCI - B-22 - 7.0-8.0	7/2/25	14:25	S	X										X									X		G
PCI - B-14 - 0.0-0.17	"	14:40	S	X										X											G
PCI - B-14 - 0.17-1.0	"	14:45	S	X										X											G
PCI - B-14 - 1.0-2.0 MS/MSD	"	14:50	S	X	X*									X											G
PCI - B-14 - 7.0-8.0	"	14:55	S	X										X									X		G
PCI - B-14 - 0.0-0.17	"	15:20	S	X										X											G
PCI - B-14 - 0.17-1.0	"	15:25	S	X										X											G
PCI - B-14 - 1.0-2.0	"	15:30	S	X										X											G
PCI - B-14 - 7.0-8.0	"	15:35	S	X		X							X	X	X	X	X	X	X	X					G
PCI - B-26 - 0.0-0.17	"	15:50	S	X										X											G
PCI - B-26 - 0.17-1.0	"	15:55	S	X										X											G
PCI - B-26 - 1.0-2.0	"	16:00	S	X										X											G
PCI - B-26 - 4.0-6.0	"	16:05	S	X		X							X	X	X	X	X	X	X	X					G
PCI - FD01-250702	"	—	S	X		X							X	X	X	X	X	X	X	X					G
PCI - MC01-250703	7/3/25	8:30	S	X										X											G

Turn-Around Time: RUSH - Next Day [ ]; RUSH - Two Day [ ]; RUSH - Three Day [ ]; RUSH - Four Day [ ]; RUSH - Five Day [ ]; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day [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) Part 375 Pg + C SCOs

Field Filtered; Lab Filtered

Comments: * See Analysis column for samples to be held for analysis

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

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
E. White C.T. Male	7/3/25				
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	7/3/25 16:41				
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature Degrees C

Field Chain-of-Custody Record

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YORK Project Number

Report To:	Invoice To:	YOUR Project Name / Number	Samples Collected From
Company: C.T. Male Associates	Company: C.T. Male Associates	HVRA N - Hangar 18.8090	NY [X] CT [ ] Other: (please specify)
Address: 50 Century Hill Drive Latham, NY 12110	Address: 50 Century Hill Drive Latham, NY 12110		NJ [ ] PA [ ]
Phone: 518-786-7400	Phone: 518-786-7400	PO Number: 18.8090 Task 230	
Contact: Eric White	Contact: Eric White		
E-mail: e.white@ctmale.com	E-mail: e.white@ctmale.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)

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:	PFAS by 1633	TCL VOCs + 10 TICs	TCL SVOCs + 20 TICs (incl. 1,4-dioxane)	Pesticides	PCBs	TAL Metals	Cyanide			* Hold PFAS sample for analysis	* Hold TCL/TAL list for analysis	Grab or Comp. G/C
PCT-RBD1-250703	7/3/25	10:25	W	X										X											G
PCT-B-1_0.0-0.17	"	9:25	S	X										X											G
PCT-B-1_0.17-1.0	"	9:20	S	X										X											G
PCT-B-1_1.0-2.0	"	9:35	S	X										X											G
PCT-B-1_4.0-5.0	"	9:40	S	X		X							X	X	X	X	X	X	X	X			X		G
~~PCT-B-2_0.0-0.17~~	"	~~10:00~~	S	X	ew									X											G
~~PCT-B-2_0.17-1.0~~	"	~~10:05~~	S	X	ew								ew	X											G
~~PCT-B-2_1.0-2.0~~	↓	~~10:10~~	S	X	ew									X											G
PCT-FD02-250702	"	—	S	X										X											G
PCT-FD03-250702	↓	—	S	X										X	ew										G
PCT-B-02_0.0-0.17		10:00	S	X	ew									X	ew										
PCT-B-02_0.17-1.0		10:05	S	X		ew								X	ew										
PCT-B-02_1.0-2.0		10:10	S	X		ew								X	ew										

Turn-Around Time

- RUSH - Next Day [ ]
- RUSH - Two Day [ ]
- RUSH - Three Day [ ]
- RUSH - Four Day [ ]
- RUSH - Five Day [ ]
- Standard (6-9 Day) [X]
- PFAS Standard 7-10 Day [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)

Part 375
PQIC SCOs

Field Filtered [ ]
Lab Filtered [ ]

Comments: *See Analysis Column for samples to be held for analysis

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

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature] C.T. Male	7/3/25				
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
[signature]	7/3/25 1647				
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature Degrees C

ATTACHMENT C

Site-Specific Community Air Monitoring Plan

May 2025
(Revised March 2026)

SITE SPECIFIC
COMMUNITY AIR MONITORING PLAN

Hudson Valley Regional Airport
18 Griffith Way
Town of Wappinger
Dutchess County, New York
NYSDEC Site #C314129

Prepared by:

C.T. MALE ASSOCIATES
12 Raymond Avenue
Poughkeepsie, New York 12603
(845) 454-4400

C.T. Male Associates Project No: 18.8090

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SITE SPECIFIC COMMUNITY AIR MONITORING PLAN
HUDSON VALLEY REGIONAL AIRPORT SITE
18 GRIFFITH WAY, TOWN OF WAPPINGER
DUTCHESS COUNTY, NEW YORK

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FIGURES

Figure 1: Community Air Monitoring Plan Potential Receptor and Monitoring Station Map

APPENDICES

Appendix A: DER-10, Appendix 1A, NYSDOH Generic CAMP and Appendix 1B, Fugitive Dust and Particulate Monitoring

Appendix B: CAMP Special Requirements

1.0 GENERAL

1.1 Overview

This site-specific Community Air Monitoring Plan (CAMP) has been prepared for use during implementation of the Pre-Construction Investigation (PCI) and subsequent hangar construction work that will be completed as an Interim Remedial Measure (IRM) at the Hudson Valley Regional Airport Site ("the Site") located at 18 Griffith Way in the Town of Wappinger, Dutchess County, New York. This PCI and IRM are being performed under the NYS Brownfield Cleanup Program, NYSDEC Site No. C314129, Brownfield Site Cleanup Agreement Index Number C314129-08-24.

A CT Male Geologist or Environmental Scientist will be responsible for implementing this CAMP during the PCI and IRM field work. A copy of this CAMP will be maintained at the Site for the duration of the project. A description of the proposed scope of work for the PCI and IRM is outlined below:

Pre-Construction Investigation Scope:

- Oversee the drilling of soil borings for soil classification/sampling, and installation of groundwater monitoring wells.
- Installation of soil vapor points.
- Collection of soil, soil vapor, surface water, and groundwater samples for laboratory analysis.
- Oversee development of newly installed on-site monitoring wells.
- On-site well gauging.
- Groundwater purging and sampling for laboratory analyses from newly installed monitoring wells.
- Sampling and laboratory analysis of investigation derived waste (IDW).

IRM Scope (Construction Observation):

- Oversee construction activities during construction of the proposed hangar buildings and appurtenances.
- Oversee sampling or construction derived waste (CDW).

1.2 Contact Names & Numbers

For this project, the following NYSDEC, Site Representative, NYSDOH, C.T. Male and Emergency Response names and telephone numbers are presented below as project site contacts.

DUTCHESS COUNTY CONTACTS:

EHS MANAGER:	Robert H. Balkind, P.E., Commissioner	
	Dutchess County Department of Public Works	
	626 Dutchess Turnpike	
	Poughkeepsie, New York 12603	845.486.2085 (O)

CONSULTANT CONTACTS:

CONSULTING ENGINEER:	C.T. Male Associates	518.786.7400
	12 Raymond Avenue	
	Poughkeepsie, New York 12603	
	Jim McIver, Managing Geologist	845.454.4400 (O)
		845.594.1788 (C)
	Eric White, Project Manager	845.762.4578 (O)
		917.863.6835 (C)

STATE CONTACTS:

NYSDEC	Greta White, Project Manager	
	625 Broadway	
	Albany, NY 12233-7014	518.402.2029 (O)
NYSDOH	Angela Martin, Project Manager	
	Empire State Plaza	
	Corning Tower, Room 1787	
	Albany, NY 12237	518.473.4671 (O)

2.0 SITE LOCATION AND DESCRIPTION

The Hudson Valley Regional Airport Site is addressed as 18 Griffith Way in the Town of Wappinger, Dutchess County, New York. The Site is approximately 510.8 acres in size and is identified with tax number 135689-6259-03-225301-0000. Route 376 transects the northeastern portion of the Site. Jackson Road transects the southwestern portion of the Site.

The majority of the Site consists of an active airport that is owned and operated by Dutchess County. Two (2) closed landfills occupy northern portions of the Site. The landfills were reportedly used for the disposal of municipal wastes and have been designated as inactive hazardous waste sites by the NYS Department of Environmental Conservation (DEC). Two (2) hangars located on the southeastern portion of the Site, and currently occupied by Tradewind Aviation, have been designated as inactive hazardous waste sites in relation to the discharge of spent solvents and petroleum to the Site's media. NYSDEC was considering classifying the Site as potential IHWS P-Site #314129 due to the presence of the per- and polyfluoroalkyl substances (PFAS) perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS) detected in May 2016 at concentrations exceeding regulatory criteria in a potable drinking water supply well then located at the Site but has since reconsidered and allowed the Site to enter into the BCP.

The Site's topography is relatively flat within portions of the Site containing the aircraft runways and Site buildings. The topography slopes downwards towards Wappinger Creek on northern and western portions of the Site. The topography slopes sharply upwards on the northeastern portion of the Site containing the former Dutchess County landfill.

Wappinger Creek is located adjacent to the Site's northern and western property boundaries. The Creek flows in a general southwesterly direction towards the Hudson River. An unnamed water body is located on the southeastern portion of the Site adjacent north of the hangars occupied by Tradewind Aviation. The water body appears to discharge into an unnamed creek that flows in a general northeasterly direction, existing the eastern property boundary and passing beneath New Hackensack Road. An unnamed stream transects the airport parcel located east of New Hackensack Road, in a northeast to southwest orientation and flow direction.

3.0 POTENTIAL SITE CONTAMINANTS

Based on subjective and analytical results from previous environmental investigations, contaminants of concern include volatile and semi-volatile organic compounds, solvents, PCBs, metals, and per- and polyfluoroalkyl substances (PFAS) in soil, sediment, surface water, drinking water and groundwater.

4.0 POTENTIAL RECEPTORS

Fifteen (15) on-site building structures are present on the airport parcel, that are occupied at varying frequencies including daily during business hours, weekly, nightly, and sporadic monthly occupancy. Table 1 below summarizes these potential receptors. Figure 1 - Community Air Monitoring Plan Location Map, depicts the location of these potential receptors.

Table 1 – Potential Receptors in Work Area Vicinity
Pre-Construction Investigation and IRM Construction Activities
Sky Harbour North Hangar Project

Potential Receptor Number	Potential Receptor Name	Approximate Distance from Work Area (Ft.)	Anticipated Occupant Type	Occupancy Frequency	Additional Monitoring Point Proposed?
PR1	Whitefield Hangar, Aero Mechanical	22	Non-Sensitive, Company Employees	Daily	Yes, monitoring station (M2) located north of the work area exclusion zone.
PR2	Frank Reiss Hangar	22	Non-Sensitive, General Public	Sporadic, Monthly	No, this building is located within the work area and is scheduled for demolition.
PR3	T-Hangars, North	50	Non-Sensitive, General Public	Daily	Yes, monitoring station (M1) located west of the work area exclusion zone.
PR4	Hangar, Precision Avionics Inc.	660	Non-Sensitive, Company Employees	Daily	Not required due to the distance from the work area.
PR5	ARFF/SRE Building	829	Non-Sensitive, County Employees	Daily	Not required due to the distance from the work area.
PR6	Angel's Power Equipment	1,200	Non-Sensitive, Company Employees	Daily	Not required due to the distance from the work area.

Table 1 – Potential Receptors in Work Area Vicinity Pre-Construction Investigation and IRM Construction Activities Sky Harbour North Hangar Project					
Potential Receptor Number	**Potential Receptor Name**	**Approximate Distance from Work Area (Ft.)**	**Anticipated Occupant Type**	**Occupancy Frequency**	**Additional Monitoring Point Proposed?**
PR7	Airport Education Building, DCCC	1,300	Non-Sensitive, General Public	Daily	Not required due to the distance from the work area.
PR8	HVRA Terminal Building	1,345	Non-Sensitive, County Employees	Daily	Not required due to the distance from the work area.
PR9	HVRA Air Traffic Control Tower / FAA Offices	1,352	Non-Sensitive, County Employees	Daily	Not required due to the distance from the work area.
PR10	T-Hangars, South	2,518	Non-Sensitive, General Public	Daily	Not required due to the distance from the work area.
PR11	Former ARFF Maintenance Building	2,607	Non-Sensitive, County Employees	Weekly	Not required due to the distance from the work area.
PR12	AAG Hangars, North and South	2,148 and 2,383	Non-Sensitive, General Public	Daily	Not required due to the distance from the work area.
PR13	Line Services Offices / Pilot's Lounge	1,775	Non-Sensitive, General Public	Daily	Not required due to the distance from the work area.
PR14	Civil Air Patrol	289	Non-Sensitive, General Public	Nights after 5 pm	No, not occupied during construction work hours
PR15	Richmor Hangar, FBO Offices	65	Non-Sensitive, General Public	Daily	Yes, monitoring station (M3) located east of the work area exclusion zone

Five of the fifteen potential receptors are located within five hundred feet of the work area. These include potential receptors PR1, PR2, PR3, PR14 and PR15. Potential receptor location numbers PR1, PR3, and PR15 are occupied daily by company employees or the general public. Neither population is anticipated to be a sensitive receptor. Potential receptor location number PR2 is occupied sporadically on a monthly basis by the general public and not anticipated to be a sensitive receptor. Potential receptor number PR14 is only occupied nightly after construction work hours by the general public. This population is not anticipated to be a sensitive receptor.

Monitoring station location M1 has been proposed to collect data for potential receptor location PR3. Monitoring station location M2 has been proposed to collect data for potential receptor locations number PR1. Monitoring station location M3 has been proposed to collect data for potential receptor location number PR15. Monitoring station location M4 has been proposed to collect downwind data, unless M1, M2, or M3 are located downwind.

No off-site potential receptors are located within 1,000 feet of the proposed work area.

5.0 AIR MONITORING

5.1 Overview

This Community Air Monitoring Plan (CAMP) was prepared in accordance with the New York State Department of Health Generic Community Air Monitoring Plan included as Appendix A, and New York State Department of Environmental Conservation Special CAMP Requirements included as Appendix B. This CAMP requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of the designated work area when certain activities are in progress at the Site. This CAMP is not intended for use in establishing action levels for worker respiratory protection. All contractors are responsible for developing and implementing their own respiratory protection plan in accordance with applicable OSHA regulations. The intent of this CAMP is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. If any ground intrusive work is conducted within 20 feet of sensitive receptors (or indoors), a Special Requirements CAMP applies (See Appendix B).

The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

Since investigations performed to date within the proposed work area have primarily identified semi-volatile organic compounds (PFAS) and metals contamination in site media, chemical-specific monitoring is not required at this time. Since all identified potentially receptors are located beyond 20 feet from the proposed work area, and no potential sensitive receptors have been identified, special requirements for potentially exposed individuals or structures have not been proposed. Common-sense measures to keep VOCs, dust, and odors at a minimum around the work area will be employed during the PCI and IRM.

5.2 Community Air Monitoring Plan

Real-time air monitoring for VOCs and/or particulate levels will be performed at the perimeter of the exclusion zone or work area.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. Periodic monitoring during sample collection will consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. Periodic monitoring for VOCs for organic vapors will be completed with a photoionization detector [PID].

5.2.1 VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work will be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment will be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment will be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background **for the 15-minute average**, work activities will be

temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities will resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities will be shutdown.

4. All 15-minute readings will be recorded and made available for State (DEC and NYSDOH) personnel to review upon request. Instantaneous readings, if any, used for decision purposes will also be recorded.

5.2.2 Particulate Monitoring, Response Levels, and Actions

Particulate concentrations will be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring will be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment will be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m3) greater than background (upwind perimeter) for the 15-minute

period or if airborne dust is observed leaving the work area, then dust suppression techniques will be employed. Work will continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m3 above the upwind level, work will be stopped and a re-evaluation of activities initiated. Work will resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m3 of the upwind level and in preventing visible dust migration.

3. All readings will be recorded and made available for State (DEC and NYSDOH) personnel to review upon request.

Figure 1 - Community Air Monitoring Plan Location Map, depicts the proposed locations of CAMP monitoring stations. Stations M1, M2 and M3 will be deployed daily, and additional CAMP station M4 will be deployed as necessary based on wind direction.

6.0 FUGITIVE DUST AND PARTICULATE MONITORING

A program for suppressing fugitive dust and particulate matter monitoring at the Sites will be employed by the contractors during the PCI and IRM. These procedures will be incorporated into the PCI and IRM work plans. The following fugitive dust suppression and particulate monitoring program will be employed at the Site during intrusive activities which warrant its use:

1. Reasonable fugitive dust suppression techniques will be employed during all site activities which may generate fugitive dust.

2. Particulate monitoring will be employed during the handling of waste or contaminated soil or when activities on site may generate fugitive dust from exposed waste or contaminated soil. Remedial activities may also include the excavation, grading, or placement of clean fill. These control measures should not be considered necessary for these activities.

3. Particulate monitoring will be performed using real-time particulate monitors and shall monitor particulate matter less than ten microns (PM10) with the following minimum performance standards:

(a) Objects to be measured: Dust, mists or aerosols;
(b) Measurement Ranges: 0.001 to 400 mg/m3 (1 to 400,000 :ug/m3);
(c) Precision (2-sigma) at constant temperature: +/- 10 :g/m3 for one second averaging; and +/- 1.5 g/m3 for sixty second averaging;
(d) Accuracy: +/- 5% of reading +/- precision (Referred to gravimetric calibration with SAE fine test dust (mmd= 2 to 3 :m, g= 2.5, as aerosolized);
(e) Resolution: 0.1% of reading or 1g/m3, whichever is larger;
(f) Particle Size Range of Maximum Response: 0.1-10;
(g) Total Number of Data Points in Memory: 10,000;
(h) Logged Data: Each data point with average concentration, time/date and data point number
(i) Run Summary: overall average, maximum concentrations, time/date of maximum, total number of logged points, start time/date, total elapsed time (run duration),

STEL concentration and time/date occurrence, averaging (logging) period, calibration factor, and tag number;
(j) Alarm Averaging Time (user selectable): real-time (1-60 seconds) or STEL (15 minutes), alarms required;
(k) Operating Time: 48 hours (fully charged NiCd battery); continuously with charger;
(l) Operating Temperature: -10 to 50o C (14 to 122o F);
(m) Particulate levels will be monitored upwind and immediately downwind at the working site and integrated over a period not to exceed 15 minutes.

4. In order to ensure the validity of the fugitive dust measurements performed, there will be appropriate Quality Assurance/Quality Control (QA/QC). QA/QC Plans will include the following critical features: periodic instrument calibration, operator training, daily instrument performance (span) checks, and a record keeping plan.

5. The action level will be established at 150 ug/m3 (15 minutes average). While conservative, this short-term interval will provide a real-time assessment of on-site air quality to assure both health and safety. If particulate levels are detected in excess of 150 ug/m3, the upwind background level will be confirmed immediately. If the working site particulate measurement is greater than 100 ug/m3 above the background level, additional dust suppression techniques will be implemented to reduce the generation of fugitive dust and corrective action taken to protect site personnel and reduce the potential for contaminant migration. Corrective measures may include increasing the level of personal protection for on-site personnel and implementing additional dust suppression techniques (see paragraph 7). Should the action level of 150 ug/m3 continue to be exceeded work will be stopped and DER will be notified as provided in the PCI and IRM work plans. The notification shall include a description of the control measures implemented to prevent further exceedances.

6. If dust is observed leaving the working site, additional dust suppression techniques will be employed. Activities that have a high dusting potential—such as solidification and treatment involving materials like kiln dust and lime--will require the need for special measures to be considered.

7. The following techniques may be employed to control the generation and migration of dust during construction activities:

(a) Applying water on haul roads;
(b) Wetting equipment and excavation faces;
(c) Spraying water on buckets during excavation and dumping;
(d) Hauling materials in properly tarped or watertight containers;
(e) Restricting vehicle speeds to 10 mph;
(f) Covering excavated areas and material after excavation activity ceases; and
(g) Reducing the excavation size and/or number of excavations.

When techniques involving water application are used, care will be taken not to use excess water, which can result in unacceptably wet conditions. Using atomizing sprays will prevent overly wet conditions, conserve water, and provide an effective means of suppressing the fugitive dust.

8. Weather conditions will be evaluated as fugitive dust control measures are employed. When extreme wind conditions make dust control ineffective, as a last resort remedial actions will be suspended.

FIGURE 1

Community Air Monitoring Plan Potential Receptor and Monitoring Station Map

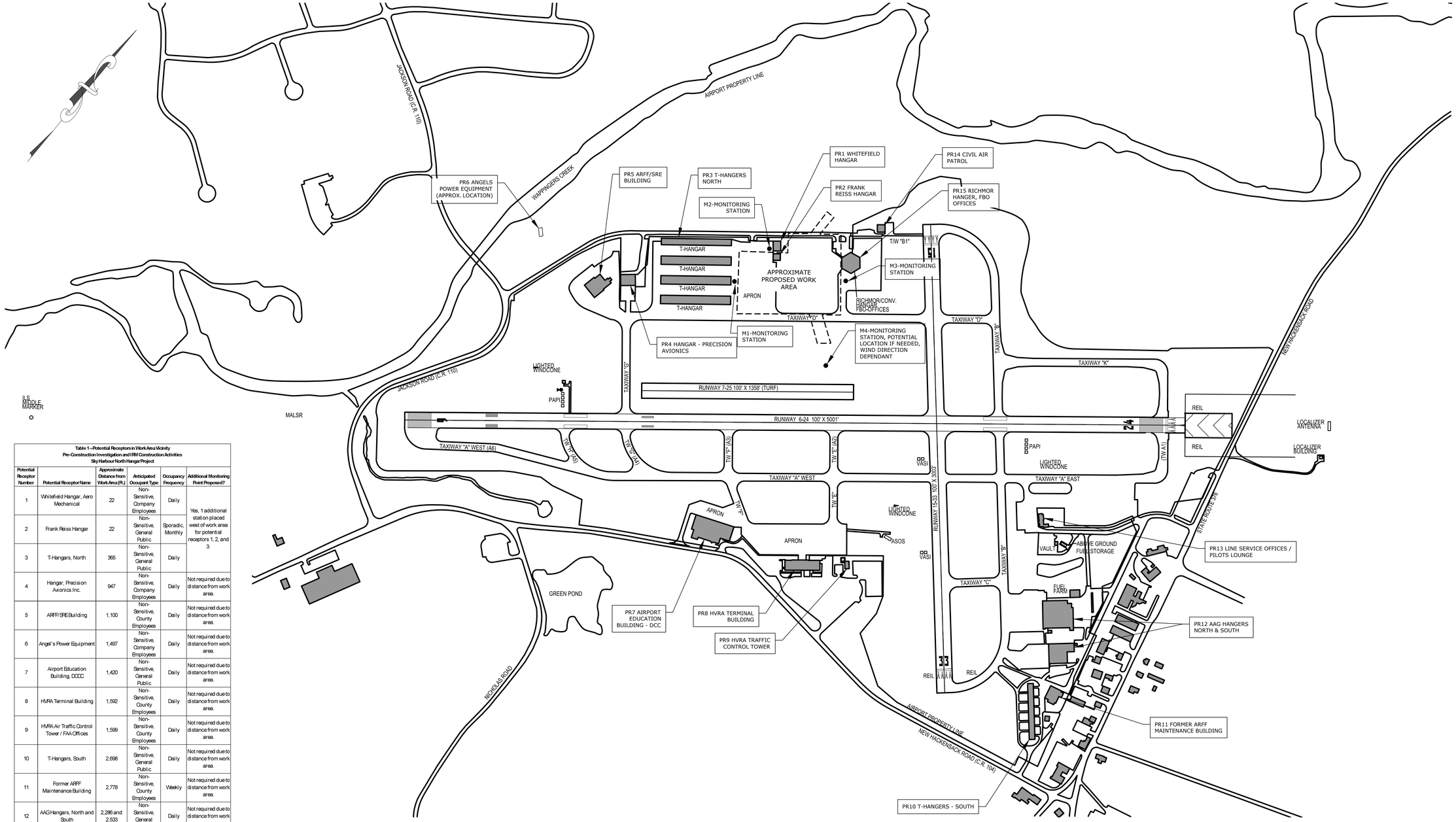


Table 1 – Potential Receptors in Work Area Vicinity
Pre-Construction Investigation and HMI Construction Activities
Sky Harbour North Hangar Project

Potential Receptor Number	Potential Receptor Name	Approximate Distance from Work Area (Ft.)	Anticipated Occupant Type	Occupancy Frequency	Additional Monitoring Point Proposed?
1	Whitefield Hangar, Aero Mechanical	22	Non-Sinsitive, Company Employees	Daily	Yes, 1 additional station placed west of work area for potential receptors 1, 2, and 3.
2	Frank Reiss Hangar	22	Non-Sinsitive, General Public	Sporadic, Monthly	
3	T-Hangars, North	365	Non-Sinsitive, General Public	Daily	
4	Hangar, Precision Avionics Inc.	947	Non-Sinsitive, Company Employees	Daily	Not required due to distance from work area.
5	ARFF/SRE Building	1,100	Non-Sinsitive, County Employees	Daily	Not required due to distance from work area.
6	Angel's Power Equipment	1,497	Non-Sinsitive, Company Employees	Daily	Not required due to distance from work area.
7	Airport Education Building, DCCC	1,420	Non-Sinsitive, General Public	Daily	Not required due to distance from work area.
8	HVRA Terminal Building	1,592	Non-Sinsitive, County Employees	Daily	Not required due to distance from work area.
9	HVRA Air Traffic Control Tower / FAA Offices	1,599	Non-Sinsitive, County Employees	Daily	Not required due to distance from work area.
10	T-Hangars, South	2,698	Non-Sinsitive, General Public	Daily	Not required due to distance from work area.
11	Former ARFF Maintenance Building	2,778	Non-Sinsitive, County Employees	Weekly	Not required due to distance from work area.
12	AAG Hangars, North and South	2,286 and 2,533	Non-Sinsitive, General Public	Daily	Not required due to distance from work area.
13	Line Services Offices / Pilot's Lounge	1,868	Non-Sinsitive, General Public	Daily	Not required due to distance from work area.
14	Civil Air Patrol	547	Non-Sinsitive, General Public	Nights after 5 pm	No, not occupied during construction work hours
15	Richmor Hangar, FBO Offices	230	Non-Sinsitive, General Public	Daily	Yes, 1 additional station placed east of work area for potential receptor 15.

Figure 1 - COMMUNITY AIR MONITORING PLAN AND STATIONING MAP
HUDSON VALLEY REGIONAL AIRPORT

18 Griffith Way

DATE: May 19, 2025 **SCALE - 1"=300'**

TOWN OF WAPPINGER DUTCHESS COUNTY, NEW YORK

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APPENDIX A

DER-10
APPENDIX 1A - NYSDOH GENERIC CAMP and Appendix 1B - Fugitive Dust and Particulate Monitoring

Appendix 1A
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. APeriodic@ monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

Appendix 1B
Fugitive Dust and Particulate Monitoring

A program for suppressing fugitive dust and particulate matter monitoring at hazardous waste sites is a responsibility on the remedial party performing the work. These procedures must be incorporated into appropriate intrusive work plans. The following fugitive dust suppression and particulate monitoring program should be employed at sites during construction and other intrusive activities which warrant its use:

1. Reasonable fugitive dust suppression techniques must be employed during all site activities which may generate fugitive dust.

2. Particulate monitoring must be employed during the handling of waste or contaminated soil or when activities on site may generate fugitive dust from exposed waste or contaminated soil. Remedial activities may also include the excavation, grading, or placement of clean fill. These control measures should not be considered necessary for these activities.

3. Particulate monitoring must be performed using real-time particulate monitors and shall monitor particulate matter less than ten microns (PM10) with the following minimum performance standards:

(a) Objects to be measured: Dust, mists or aerosols;
(b) Measurement Ranges: 0.001 to 400 mg/m3 (1 to 400,000 :ug/m3);
(c) Precision (2-sigma) at constant temperature: +/- 10 :g/m3 for one second averaging; and +/- 1.5 g/m3 for sixty second averaging;
(d) Accuracy: +/- 5% of reading +/- precision (Referred to gravimetric calibration with SAE fine test dust (mmd= 2 to 3 :m, g= 2.5, as aerosolized);
(e) Resolution: 0.1% of reading or 1g/m3, whichever is larger;
(f) Particle Size Range of Maximum Response: 0.1-10;
(g) Total Number of Data Points in Memory: 10,000;
(h) Logged Data: Each data point with average concentration, time/date and data point number
(i) Run Summary: overall average, maximum concentrations, time/date of maximum, total number of logged points, start time/date, total elapsed time (run duration), STEL concentration and time/date occurrence, averaging (logging) period, calibration factor, and tag number;
(j) Alarm Averaging Time (user selectable): real-time (1-60 seconds) or STEL (15 minutes), alarms required;
(k) Operating Time: 48 hours (fully charged NiCd battery); continuously with charger;
(l) Operating Temperature: -10 to 50^{o} C (14 to 122^{o} F);
(m) Particulate levels will be monitored upwind and immediately downwind at the working site and integrated over a period not to exceed 15 minutes.

4. In order to ensure the validity of the fugitive dust measurements performed, there must be appropriate Quality Assurance/Quality Control (QA/QC). It is the responsibility of the remedial party to adequately supplement QA/QC Plans to include the following critical features: periodic instrument calibration, operator training, daily instrument performance (span) checks, and a record keeping plan.

5. The action level will be established at 150 ug/m3 (15 minutes average). While conservative,

this short-term interval will provide a real-time assessment of on-site air quality to assure both health and safety. If particulate levels are detected in excess of 150 ug/m3, the upwind background level must be confirmed immediately. If the working site particulate measurement is greater than 100 ug/m3 above the background level, additional dust suppression techniques must be implemented to reduce the generation of fugitive dust and corrective action taken to protect site personnel and reduce the potential for contaminant migration. Corrective measures may include increasing the level of personal protection for on-site personnel and implementing additional dust suppression techniques (see paragraph 7). Should the action level of 150 ug/m3 continue to be exceeded work must stop and DER must be notified as provided in the site design or remedial work plan. The notification shall include a description of the control measures implemented to prevent further exceedances.

6. It must be recognized that the generation of dust from waste or contaminated soil that migrates off-site, has the potential for transporting contaminants off-site. There may be situations when dust is being generated and leaving the site and the monitoring equipment does not measure PM10 at or above the action level. Since this situation has the potential to allow for the migration of contaminants off-site, it is unacceptable. While it is not practical to quantify total suspended particulates on a real-time basis, it is appropriate to rely on visual observation. If dust is observed leaving the working site, additional dust suppression techniques must be employed. Activities that have a high dusting potential--such as solidification and treatment involving materials like kiln dust and lime--will require the need for special measures to be considered.

7. The following techniques have been shown to be effective for the controlling of the generation and migration of dust during construction activities:

(a) Applying water on haul roads;
(b) Wetting equipment and excavation faces;
(c) Spraying water on buckets during excavation and dumping;
(d) Hauling materials in properly tarped or watertight containers;
(e) Restricting vehicle speeds to 10 mph;
(f) Covering excavated areas and material after excavation activity ceases; and
(g) Reducing the excavation size and/or number of excavations.

Experience has shown that the chance of exceeding the 150ug/m3 action level is remote when the above-mentioned techniques are used. When techniques involving water application are used, care must be taken not to use excess water, which can result in unacceptably wet conditions. Using atomizing sprays will prevent overly wet conditions, conserve water, and provide an effective means of suppressing the fugitive dust.

8. The evaluation of weather conditions is necessary for proper fugitive dust control. When extreme wind conditions make dust control ineffective, as a last resort remedial actions may need to be suspended. There may be situations that require fugitive dust suppression and particulate monitoring requirements with action levels more stringent than those provided above. Under some circumstances, the contaminant concentration and/or toxicity may require additional monitoring to protect site personnel and the public. Additional integrated sampling and chemical analysis of the dust may also be in order. This must be evaluated when a health and safety plan is developed and when appropriate suppression and monitoring requirements are established for protection of health and the environment.

APPENDIX B

CAMP Special Requirements

Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures

When work areas are within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for VOCs and particulates must reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. The use of engineering controls such as vapor/dust barriers, temporary negative-pressure enclosures, or special ventilation devices should be considered to prevent exposures related to the work activities and to control dust and odors. Consideration should be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings.

- If total VOC concentrations opposite the walls of occupied structures or next to intake vents exceed 1 ppm, monitoring should occur within the occupied structure(s). Depending upon the nature of contamination, chemical-specific colorimetric tubes of sufficient sensitivity may be necessary for comparing the exposure point concentrations with appropriate pre-determined response levels (response actions should also be pre-determined). Background readings in the occupied spaces must be taken prior to commencement of the planned work. Any unusual background readings should be discussed with NYSDOH prior to commencement of the work.
- If total particulate concentrations opposite the walls of occupied structures or next to intake vents exceed 150 mcg/m^3, work activities should be suspended until controls are implemented and are successful in reducing the total particulate concentration to 150 mcg/m^3 or less at the monitoring point.
- Depending upon the nature of contamination and remedial activities, other parameters (e.g., explosivity, oxygen, hydrogen sulfide, carbon monoxide) may also need to be monitored. Response levels and actions should be pre-determined, as necessary, for each site.

Special Requirements for Indoor Work With Co-Located Residences or Facilities

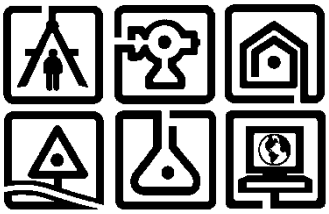
Unless a self-contained, negative-pressure enclosure with proper emission controls will encompass the work area, all individuals not directly involved with the planned work must be absent from the room in which the work will occur. Monitoring requirements shall be as stated above under "Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures" except that in this instance "nearby/occupied structures" would be adjacent occupied rooms. Additionally, the location of all exhaust vents in the room and their discharge points, as well as potential vapor pathways (openings, conduits, etc.) relative to adjoining rooms, should be understood and the monitoring locations established accordingly. In these situations, it is strongly recommended that exhaust fans or other engineering controls be used to create negative air pressure within the work area during remedial activities. Additionally, it is strongly recommended that the planned work be implemented during hours (e.g. weekends or evenings) when building occupancy is at a minimum.

ATTACHMENT D

Health & Safety Plan

October 2025
Revised March 2026

SITE SPECIFIC HEALTH & SAFETY PLAN



Hudson Valley Regional Airport Site
18 Griffith Way
Town of Wappinger
Dutchess County, New York
NYSDEC Site #C314129

Prepared by:

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SITE SPECIFIC HEALTH & SAFETY PLAN
HUDSON VALLEY REGIONAL AIRPORT SITE
18 GRIFFITH WAY, TOWN OF WAPPINGER
DUTCHESS COUNTY, NEW YORK

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SITE SPECIFIC HEALTH & SAFETY PLAN
HUDSON VALLEY REGIONAL AIRPORT SITE
18 GRIFFITH WAY, TOWN OF WAPPINGER
DUTCHESS COUNTY, NEW YORK

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FIGURES

Figure 1: Map Showing Route to Hospital

1.0 GENERAL

1.1 Overview

This Health and Safety Plan (HASP) has been prepared for use during environmental construction observation for the Sky Harbour North Hangar, performed as an Interim Remedial Measure (IRM), at the Hudson Valley Regional Airport Site ("the Site") located at 18 Griffith Way in the Town of Wappinger, Dutchess County, New York. This HASP has been developed by C.T. Male as an integral part of the IRM as it pertains to the environmental aspects of the IRM, not the construction itself. This IRM is being performed as part of the NYS Brownfield Cleanup Program.

A designated Office Health and Safety Officer (OHSO) and a Field Safety Officer will be responsible for implementing this HASP during the completion of the IRM field work. All persons or parties who enter the work area (support zone, decontamination zone or exclusion zone) must review, sign and comply with this HASP. A list of individuals authorized to enter the exclusion zone at the Site is presented in Section 13.0 of this HASP. Others may be added to the list as needed. A copy of this HASP will be maintained at the Site throughout the duration of the project. A complete description of the IRM work scope is presented in the IRM Work Plan. A brief description of the proposed scope of work is outlined below.

The proposed IRM will generally include the following tasks:

The IRM components proposed for the Site include observing the contractor (unless otherwise noted) as the following tasks are completed:

1. Excavation, temporary stockpiling, and off-site disposal at a permitted transfer, storage and disposal facility (TSDF) of PFAS-containing sediment from within stormwater drainage piping, catch basin and manhole structures scheduled for removal, and from within a stormwater outfall scheduled for replacement.
2. Management of PFAS-containing water, to include excavation dewatering fluid, water contained within stormwater drainage piping, manhole and catch basin structures scheduled for demolition, water produced during sediment

removal, and equipment decontamination water. Disposal of this water is planned for a permitted TSDF.

3. Management of PFAS soil to include excavation, temporary stockpiling and off-site disposal at a TSDF of soil exhibiting a PFAS concentration exceeding interim guidance values for Unrestricted Use and Protection of Groundwater, and on-site reuse as backfill/grading of Site soil exhibiting PFOA or PFOS in soil that is below its respective interim guidance values for Unrestricted Use and Protection of Groundwater.
4. Removal and off-site recycling of asphalt and associated asphalt subbase at a permitted reclamation facility.
5. Installation of passive soil Vapor Intrusion Mitigation (VIM) measures in both hangars during building construction including sub-slab soil vapor membranes and passive sub-slab soil gas ventilation systems as warranted.
6. Community air monitoring performed by C.T. Male personnel during ground intrusive activities and disturbance (including relocation and load-out) of construction derived waste soil.

1.2 Contact Names & Numbers

For this project, the following NYSDEC, Site Representative, NYSDOH, C.T. Male and Emergency Response names and telephone numbers are presented below as project site contacts.

DUTCHESS COUNTY CONTACTS:

EHS MANAGER:	Robert H. Balkind, P.E., Commissioner	
	Dutchess County Department of Public Works	
	626 Dutchess Turnpike	
	Poughkeepsie, New York 12603	845.486.2085 (O)

HUDSON VALLEY REGIONAL AIRPORT CONTACTS:

DIRECTOR OF AVIATION:	Jeff Durand	845-463-6000 (O)
	38 Citation Drive	845-462-0083 (F)
	Wappingers Falls, New York 12590	845-337-1659 (C)

CONSULTANT CONTACTS:

CONSULTING ENGINEER:	C.T. Male Associates	518.786.7400 (O)
	12 Raymond Avenue	

	Poughkeepsie, New York 12603	
	Jim McIver, Managing Geologist	845.454.4400 (O)
		845.594.1788 (C)
	Eric White, Project Scientist	845.762.4578 (O)
		917.863.6835 (C)
	Nancy Garry, PE, CSP Health & Safety Officer	518.786.7541 (O)
	Jon Dippert, HSO Designee	518.786.7563 (O)
		518.469.1183 (C)

STATE CONTACTS:

NYSDEC	Greta Kowalski, Project Manager 625 Broadway Albany, NY 12233-7014	518.402.2029 (O)
NYSDOH	Angela Martin, Project Manager Empire State Plaza Corning Tower, Room 1787 Albany, NY 12237	518.473.4671 (O)

EMERGENCY PHONE NUMBERS:

PERSONAL INJURY OR EMERGENCY:	MidHudson Regional Hospital 241 North Road Poughkeepsie, New York 12601 (approx. 20 minutes)	845.483.5000
FIRE DEPARTMENT:	Emergency New Hackensack Fire Company 217 Myers Corners Road Wappinger Falls, New York 12590	911 845.297.3897
POLICE:	Emergency Dutchess County Sheriff 150 N. Hamilton Street Poughkeepsie, New York 12601	911 845.486.3800

NYS Police	Emergency	911
	NYS Police Department 18 Middlebush Road Wappinger Falls, New York 12590	845.298.0398
UPSTATE NEW YORK REGIONAL POISON CONTROL CENTER:	University Hospital Upstate Medical University SUNY Health Science Center 750 East Adams Street Syracuse, New York 13201	(800) 222-1222
NATIONAL RESPONSE CENTER:	c/o United States Coast Guard (G-OPF) 2100 2nd Street, Southwest - Room 2611 Washington, DC 20593-0001	(800) 424-8802
NYSDEC SPILL HOTLINE:		(800) 457-7362

2.0 HEATLH AND SAFETY PERSONNEL

The Health and Safety Officer (HSO) will be responsible for implementation of the HASP and the delegation of health and safety duties. The HSO will coordinate the resolution of safety issues that arise during site work. When field operations require only Level D protection, it will not be necessary for the HSO to be present on-site at all times. When the HSO is not present on-site, a designee will be authorized to perform the duties of the HSO, and the designee will be responsible for implementation of the HASP.

The HSO or designee has authority to stop work upon their determination of an imminent safety hazard, emergency situation or other potentially dangerous situations (e.g. weather conditions), when this action is deemed appropriate. Authorization to resume work will be issued by the HSO.

3.0 SITE LOCATION AND DESCRIPTION

The Hudson Valley Regional Airport Site is addressed as 18 Griffith Way in the Town of Wappinger, Dutchess County, New York. The Site is approximately 510.8 acres in size and is identified with tax number 135689-6259-03-225301-0000. Route 376 transects the northeastern portion of the Site. Jackson Road transects the southwestern portion of the Site.

The majority of the Site consists of an active airport that is owned and operated by Dutchess County. Two (2) closed landfills occupy northern portions of the Site. The landfills were reportedly used for the disposal of municipal wastes and have been designated as inactive hazardous waste sites by the NYS Department of Environmental Conservation (DEC). Two (2) hangars located on the southeastern portion of the Site, and currently occupied by Associated Aircraft Group, have been designated as inactive hazardous waste sites in relation to the discharge of spent solvents and petroleum to the Site's media.

The Site's topography is relatively flat within portions of the Site containing the aircraft runways and Site buildings. The topography slopes downwards towards Wappinger Creek on northern and western portions of the Site. The topography slopes sharply upwards on the northeastern portion of the Site containing the former Dutchess County landfill.

Public water serves select buildings on the site. Public sewer is not available to the Site. Wappinger Creek is located adjacent to the Site's northern and western property boundaries. The Creek flows in a general southwesterly direction towards the Hudson River. An unnamed water body is located on the southeastern portion of the Site adjacent north of the hangars occupied by the Associated Aircraft Group. The water body appears to discharge into an unnamed creek that flows in a general northeasterly direction to low lying areas to the northeast of the Site.

4.0 POTENTIAL SITE CONTAMINANTS

Based on subjective and analytical results from previous environmental investigations, contaminants of concern include volatile and semi-volatile organic compounds, solvents, PCBs, metals, and per- and polyfluoroalkyl substances (PFAS) in soil, sediment, surface water, drinking water and groundwater.

5.0 HAZARD ASSESSMENT

5.1 General

The hazard assessment, use of specific protective equipment, and monitoring associated with each field work task of the IRM to be conducted at the subject Site are presented in following subsections.

The project contractor will be responsible for developing and implementing a site-specific health and safety plan for their activities, for protection of their employees, and use of personal protective equipment. The contractor will also be responsible for developing and following their own Respiratory Protection Program, as applicable.

5.2 Construction Observation

Construction Observation and field screening of soil is the majority of the proposed IRM work. These tasks included walking over potentially uneven ground, in the presence of impacted soil and operating construction equipment. One of the potential hazards to personnel during this work is dermal contact with impacted site media. Level D protection should be sufficient to protect against dermal contact during construction observation and field screening. If organic vapors are present at the action levels described in Section 5.4, on the basis of organic vapor monitoring of the area during the work, it may be necessary to upgrade to Level C respiratory protection. An awareness of potential slips, trips and falls should also be heightened while traversing the site. Potential dangers of vehicle and construction equipment is discussed in section 5.6 below.

5.3 Air Monitoring

During ground intrusive activities, the ambient air in the work area will be monitored with a photoionization detection meter (total volatile compounds – MiniRAE 2000 or 3000) prior to the start of work and periodically as conditions warrant. If a concentration of 10 ppm (sustained for 5 minutes) of total volatile compounds is detected within the work area on the instrument, relative to an isobutylene standard (used to calibrate the instrument), work will cease immediately, and the workers shall shut down equipment and leave the area immediately. The level of personal

protective equipment (PPE) protection will be evaluated prior to continuing work. If a PPE upgrade to Level C is required, it will include: a half face air purifying respirator equipped with combination organic vapor and particulate cartridges for 10-15 ppm exposure levels If a concentration greater than 15 ppm is encountered, work will cease immediately, and the situation will be evaluated prior to continuation of work. Table 1 summarizes the action levels relative to the required respiratory protection.

Table 1
C.T. Male Action Levels & Required Respiratory Protection

Action Level	Level of PPE	Type of Respiratory Protection
0-10 parts per million	Level D	No respiratory protection
10-15 parts per million	Level C	Negative pressure half-face respirator
15-50 parts per million	Level C	Positive pressure full-face respirator
Greater than 50	Cease Work	Evaluate work procedures

-Facial hair is not permitted while wearing most respirators.
-Workers required to wear a respirator must have a minimum of OSHA 40 Hour training with current medical monitoring and fit test documentation.

5.5 Community Air Monitoring Plan

A site-specific Community Air Monitoring Plan (CAMP) is attached to the IRM WP as Appendix D.

5.6 Airport Safety Regulations and Guidelines

Work on airport property will be done in accordance with FAA regulations and guidance. Coordination of activities onsite will be done with onsite airport personnel and the airport manager. Personnel will maintain high awareness of airport traffic during mobilization and subsequent activities. At minimum personnel will wear Level D PPE, use of handheld radios for communication between staff and also the airport control tower, C.T. Male trucks used onsite will need to have working yellow caution lights on top of the truck that are on at all times. Other items may be required based upon airport requirements.

- **Site Access Guidelines:** In order to ensure the safety of all participants, Hudson Valley Regional Airport Staff (Airport Staff) will approve daily work locations, provide access to the site, and escort CTM employees and associated

subcontractors across site as needed. If locations and or scope of work changes throughout the day, the Airport Staff will be contacted. For additional information on site access, refer to section 7.0.

- **Vehicular and Aircraft Traffic Guidelines:** To protect workers' safety from hazards associated with vehicular and aircraft traffic, workers are expected to wear safety vests, remain within designated work locations approved by airport personnel, and use cones and vehicles to block and define work areas. In addition to these precautions, minimum off-sets from airport runways and taxiways have been established as follows:
    - **Runways:** 200 feet from center line
    - **Runway Ends:** 300 feet
    - **Taxiways:** 66 feet from center line
- **Emergency Contact Information:** In case of emergency and/or injury, all emergency vehicles should be directed to 38 Citation Drive, and airport staff should be contacted to escort personnel to emergency vehicles. Airport staff contact information are listed in Section 1.2 and as follows:
    - Director of Aviation; Jeff Durand
        - 845-463-6000 (O)
        - 845-462-0083 (F)
        - 845-337-1659 (C)

5.7 Hazard Identification and Control

The following Table 2 presents generalized hazards potentially involved with the tasks to be completed on this project. The table identifies general procedures to follow to prevent or reduce accident, injury or illness. Any worker on-site who identifies a potential hazard must report the condition to the HSO or designee, and initiate control of the hazardous condition.

Table 2
Potential Hazards and Control

Potential Hazard	Control
Vehicular and Aircraft Traffic	1. Wear safety vest when vehicular/aircraft hazards exist. 2. Use cones, flags, barricades, and caution tape to define work area.

Table 2 Potential Hazards and Control	
Potential Hazard	**Control**
	3. Use vehicle to block work area. 4. Use vehicle caution lights in all areas within the Site. 5. Contact local and/or airport police for high traffic situations. 6. Airport personnel will need to approve location or activities each day and each time field personnel move to a new sampling location with the day's activities.
Slip, Trip, and Fall Protection	1. Assess work area to determine if there is a potential for falling. 2. Make sure work area is neat and tools are staged in one general area. 3. Wear steel-toe boots with adequate tread and always watch where the individual is walking. Carry flashlight when walking in poorly lighted areas.
Inclement Weather	1. Stop outdoor work during electrical storms and other extreme weather conditions such as extreme heat or cold temperatures. 2. Take cover indoors or in vehicle. 3. Listen to local forecasts for warnings about specific weather hazards such as tornadoes, hurricanes, and flash floods.
Utility Lines Contact	1. Contact DigSafe NY to have utility lines marked prior to any underground excavation, trenching or drilling. DigSafe must be contacted at least 72 hours prior to work. 2. Refer to site drawings for utility locations. 3. Manually dig 3 to 5 feet below grade and 5 feet on each side of utility marked to avoid breaking utility lines.
Noise	1. Wear hearing protection when equipment such as a drill rig, excavator, jackhammer, or other heavy equipment is operating on-site. 2. Wear hearing protection in the vicinity of operating aircraft. 3. Wear hearing protection whenever you need to raise your voice above normal conversational speech due to a loud noise source; as this much noise indicates the need for protection. 4. Hearing protection is required when measured sound exceeds 85 decibels (dB) where employees stand or conduct work.

Table 2 Potential Hazards and Control	
Potential Hazard	**Control**
Electrical Shock	1. Maintain appropriate distance between heavy equipment and overhead utilities; 20 foot minimum clearance from power lines; and 10 foot minimum clearance from shielded power lines. 2. Contact local underground utility locating service prior to penetrating the ground surface.
Physical Injury	1. Wear hard hats and safety glasses at all times when on-site. 2. Maintain visual contact with equipment and aircraft operators and wear orange safety vest when heavy equipment and aircraft are operating on-site. 3. Avoid loose clothing when working around rotary equipment. 4. Keep hands and feet away from drilling augers/casing/samplers and excavation equipment tracks/tires. 5. Test emergency shut-off switches on drill rigs and excavation equipment regularly.
Back Injury	1. Use a mechanical lifting device or a lifting aid where appropriate. 2. Ensure the route is free of obstructions. 3. Bend at the knees and use leg muscles when lifting. 4. Use the buddy system if lifting heavy or awkward objects. 5. Do not twist or jerk your body when lifting.
Heat Stress	1. Increase water intake while working. 2. Avoid excessive alcohol intake the night before working in heat stress situations. 3. Increase number of rest breaks as necessary, and rest in a shaded area. 4. Watch for signs and symptoms of heat exhaustion and fatigue. 5. Rest in cool, dry areas. 6. In the event of heat stress or heat stroke, bring the victim to a cool environment and call 911.
Cold Stress	1. Wear cotton, wool or synthetics (polypropylene) undergarments to absorb perspiration from the body. 2. Wear additional layers of light clothing as needed for warmth. The layering effect holds in air, trapping body heat, and some layers could

Table 2 Potential Hazards and Control	
Potential Hazard	**Control**
	be removed as the temperature rises during the day. 3. Pay close attention to body signals and feelings (hypothermia symptoms), especially to the extremities. Correct any problem indicators by breaking from the work activity and moving to a rest area to warm up and add additional clothing. 4. Increase water intake while working. 5. Avoid excessive alcohol intake the night before working in cold conditions. 6. Increase the number of rest breaks as necessary, and rest in a warm area. 7. In the event of hypothermia or frost bite, bring the victim to a warm environment and call 911.
Fire Control	1. Smoking is not allowed on-site. 2. Keep flammable liquids in closed containers. 3. Isolate flammable and combustible materials from ignition sources. 4. Keep fire extinguisher nearby and use only if deemed safe.
Media Sampling (water, soil, sediment, etc.)	1. Wear appropriate PPE to avoid skin, eye, and inhalation contact with contaminated media. 2. Stand upwind to minimize possible inhalation exposure, especially when opening monitoring wells or closed containers/vessels. 3. Conduct air monitoring, whenever necessary, to determine level of respiratory protection. 4. If necessary, employ engineering controls to assist in controlling chemical vapors. 5. When collecting samples on or near water bodies, wear a life jacket and employ the buddy system. 6. When collecting samples from water bodies, assess water conditions and the water current and ensure that the sampling vessel is stabilized.
Cleaning Equipment	1. Wear appropriate PPE to avoid skin and eye contact with Alconox or other cleaning materials. 2. Stand upwind to minimize possible inhalation exposure.

Table 2 Potential Hazards and Control	
Potential Hazard	**Control**
	3. Properly dispose of spent chemical cleaning solutions and rinse accordingly.
Deer Ticks	1. Wear pants and long sleeve shirts. 2. Wear tick repellant coated pants and long sleeve shirts. 3. Use tick repellent. 4. Perform personal body checks for the presence of ticks. 5. Notify the Health and Safety Officer immediately if you have been bitten by a tick and contact your physician.
Note: A first aid kit and fire extinguisher will be located in the C.T. Male company vehicle.	

Response actions to personal exposure from on-site contaminants include skin contact, eye contact, inhalation, ingestion, and puncture or laceration. The recommended response actions are presented in Section 11.2.

6.0 TRAINING

Site specific training of workers and personnel will be conducted and provided by the HSO or designee prior to any on-site activity. The training will specifically address the activities, procedures, monitoring and equipment for the site operations. It will include area and facility layout, hazards, emergency services (police, hospital, fire, etc.), and review of this HASP. Questions by workers, field personnel, etc. will be addressed at this time. In addition, separate training may be provided by the Hudson Valley Regional Airport.

Workers and personnel conducting and/or supervising the project must have attended and successfully completed a 24- or 40-Hour Health and Safety Training Course for Hazardous Waste Operations and an annual 8-hour Refresher Course, as applicable. Workers must take part in an employer medical surveillance program in accordance with OSHA 1910.120 requirements, including that the workers have had a medical physical within one (1) year prior to the date the work begins and that they are physically able to wear a respirator.

Documentation of training and medical surveillance will be submitted to the HSO or designee prior to the start of any on-site work. A copy of the training certificates for C.T. Male personnel are maintained at C.T. Male's place of business and are available on request.

7.0 SITE ACCESS

The IRM work will be conducted within the Site boundaries. Since the Site is an active airport, there is secure and controlled access to the Site. There is a possibility that workers from the airport or other services at the airport will be present at the time of the work. The work onsite will need to adhere to airport and FAA regulations. As such, the work area and exclusion zone will be considered as the following, dependent on the investigative tasks performed, and the regulations and operating procedures for the airport.

- The contractor may use caution tape and/or cones to delineate an approximate exclusion zone around each excavation location. All work and equipment will remain within the designated work area/exclusion zone until completion of the excavation work.

Only OSHA trained individuals who are qualified to do the work and have read and signed this Site specific HASP will be allowed within the work/exclusion zone. The HSO or designee will be responsible for limiting access to unauthorized individuals.

The Contamination Reduction Zone (decontamination area), and Support Zone (clean area, everywhere else) will be established outside the Exclusion Zone, as necessary. The exclusion, contamination reduction, and support zone during the SCI work have been identified and designated as follows:

Work/Exclusion Zone - The location of the work/exclusion zone will be determined in the field prior to the start of work and will vary depending on the work activities conducted. For the most part, the work/exclusion zone is anticipated to be defined with caution tape and/or cones. Only authorized persons with proper training and protective gear will be allowed to enter the work/exclusion zone.

Contamination Reduction Zone – If applicable, this zone will generally be a 30'± x 30'± area, marked off with stakes, colored flagging, cones, or equal method, containing the decontamination pad. The location will be determined in the field prior to the start of work and will vary depending on the area(s) the work is being conducted. This zone is where decontamination of personnel and equipment will take place, as necessary, on the basis of the work being performed.

Support Zone - Area outside of the contamination reduction zone; not including the work/exclusion zone. Unauthorized or untrained individuals must remain in this zone.

8.0 PERSONAL PROTECTION

8.1 Level of Protection

Based on an evaluation of the potential hazards, the minimum level of protection to be worn by workers during implementation of the IRM activities is defined as Level D protection and will be controlled by the HSO or designee.

The minimum level D protective equipment will consist of field clothes, rubber gloves (nitrile and/or PVC only), hard hats, safety glasses, and safety boots (steel-toe preferred). As appropriate, this level of protection may be modified to include protective suits (Not Tyvek), coveralls, leg chaps, or face shield for additional protection. Both full-face and half-face air purifying respirators should be readily available. Appropriate combination organic vapor and particulate cartridge filters will be available at the Site to use, if necessary, with the air purifying respirators.

If required, level C protective equipment will consist of the items listed for Level D protection with the added protection of full-face, air purifying (organic vapor and particulate) respirator, chemical resistant clothing (Not Tyvek), inner and outer chemically resistant gloves (i.e. nitrile and/or PVC), and chemical resistant overboots.

Level B is not anticipated, but if required, level B protective equipment will consist of the items listed for Level D protection except a self-contained breathing apparatus (SCBA) will be worn dependent on the level of contaminants present in the work zone, and protective suits (Not Tyvek) will be required. When Site conditions warrant the need for level B protective equipment, work will cease and the project will be re-evaluated to determine the necessity for employing engineering controls to reduce or eliminate the potential contaminants of concern.

8.2 Safety Equipment

Basic emergency and first aid equipment will be available at an area within the Support Zone clearly marked and available or within C.T. Male's company vehicle (if allowed onsite). This shall include a first aid kit, fire extinguisher, supply of potable water, soap and towels. The HSO or designee shall be equipped with a cellular phone in case of emergencies. If the cellular phone is not available, or is inoperable, a phone

in the Hudson Valley Regional Airport facility or airport security personnel will be used.

9.0 COMMUNICATIONS

The HSO or designee will be equipped with a cellular phone in case of emergencies. If the cellular phone is not available, or is inoperable, or not allowed within certain places within the airport investigation area, a phone within the Hudson Valley Regional Airport facility phone will be used, or airport security. The HSO or designee shall notify the C.T. Male Project Manager as soon as safely possible in the event of an accident, injury or emergency action.

Hand signals for certain work tasks will be employed, as necessary, and the buddy system will be employed when needed.

10.0 DECONTAMINATION PROCEDURES

10.1 Personnel Decontamination Procedures

Decontamination procedures will be carried out by all personnel leaving the Work/Exclusion Zone (except under emergency evacuation). The amount of decontamination performed will be dependent on the level of personal protection currently being worn within the exclusion zone.

1. Do not remove respiratory protection, if donned, until all steps have been completed.
2. Clean outer protective gloves and outer boots, if worn, with water (preferably with a pressurized washer) over designated wash tubs in the exclusion zone to remove the gross amount of contamination.
3. Deposit equipment used (tools, sampling devices, and containers) at designated drop stations - on plastic drop sheets or in plastic lined containers.
4. Rinse outer boots if worn and gloves with clean water in designated rinse tubs. Remove outer boots if worn and gloves and deposit in designated area to be determined in the field for use the next day or when necessary. If disposable outer boots are worn, remove and discard in designated container.
5. Remove hard hat & safety glasses, rinse with clean water as necessary and deposit in designated area for use the next day or when necessary.
6. Remove protective suit, if worn, and discard in designated container. Remove respirator at this time, if used; wash and rinse with clean water. Organic vapor and particulate cartridges, when used, will be replaced daily. Used cartridges will be discarded in the designated waste container. Remove inner gloves and discard in designated container.

10.2 Equipment and Sample Containers Decontamination

All decontamination will be completed by personnel in protective gear appropriate for the level of protection determined by the site HSO or designee. Manual sampling

equipment including scoops, hand augers, and shovels which come into contact with the site's soils and sediment, will be cleaned with a tap water/detergent wash and a bottled water rinse. The sampling equipment will be decontaminated after each sample is collected at the Contaminant Reduction Zone (Decontamination Station). The sampling equipment wash and rinse water will be captured in plastic pails or tubs and ultimately transferred to labeled DOT 17H approved 55-gallon open top steel drums and staged on-site at a secure location.

Excavation equipment which comes into contact with the site's soils will be decontaminated by the contractor with a high pressure/hot water wash and/or other methods within the Contaminant Reduction Area. The cleaning will be performed at the completion of impacted soil removal. Equipment decontamination wastes will be transferred to labeled DOT 17H approved 55-gallon open top steel drums and staged on-site at a secure location.

Larger equipment (i.e., excavator buckets) which comes into contact with impacted soil will be decontaminated with a high pressure/hot water wash and/or other methods within a decontamination pad. The decontamination procedure will focus on portions of the equipment that has come into contact with the site's soils such as the buckets, tires and tracks. The cleaning will be performed prior to the equipment leaving the site. Equipment decontamination wastes will be transferred to labeled DOT 17H approved 55-gallon open top steel drums and staged on-site at a secure location.

Exterior surfaces of sample containers (as applicable) will be wiped clean with disposable paper towels in the decontamination zone and transferred to a clean cooler for transportation or shipment to the analytical laboratory. Sample identities will be noted and checked off against the chain-of-custody record. The disposable paper towels will be placed in the designated disposal container and disposed of as solid waste.

11.0 EMERGENCY RESPONSE PROCEDURES

THE PROJECT EMERGENCY COORDINATOR IS:

Site Health and Safety Officer (HSO) Jonathan Dippert

The following standard emergency procedures will be used by on-site personnel. The Project Manager and HSO shall be notified of any on-site emergencies and be responsible for assuring that the appropriate procedures are followed.

11.1 Personal Injury

Emergency first aid shall be administered on-site as deemed necessary and only by a trained individual, if available at the site. If a trained individual is not available on-site, decontaminate, if feasible, and transport individual to nearest medical facility (MidHudson Regional Hospital). The HSO will supply medical data sheets to appropriate medical personnel and be responsible for completing the incident report.

11.2 Personal Exposure

The recommended response to worker exposure from contaminants on-site includes the following:

SKIN CONTACT: Use generous amounts of soap and water. Wash/rinse affected area thoroughly, then provide appropriate medical attention, as necessary.

EYE CONTACT: Wash eyes thoroughly with potable water supply provided on site. Eyes should be rinsed for at least 15 minutes subsequent to chemical contamination. Provide medical attention, as necessary.

INHALATION: Move worker to fresh air and outside of the work zone and/or, if necessary, decontaminate and transport to hospital (MidHudson Regional Hospital). If respirator use is implemented at the time of inhalation, worker must not remove respirator until completely away from the work zone.

INGESTION: Decontaminate, if feasible, and transport to hospital (MidHudson Regional Hospital).

PUNCTURE WOUND OR
LACERATION: Provide first aid at the site and if wound needs medical attention, decontaminate, if feasible, and transport to hospital (MidHudson Regional Hospital).

If the affected worker is exposed to contaminants on-site and the injury or accident prevents decontamination of the individual, the emergency responders must be notified of this condition and the exposure must be kept to a minimum.

11.3 Potential or Actual Fire or Explosion

Immediately evacuate area in the event of potential or actual fire or explosion. Notify the local Fire and Police Departments, and other appropriate emergency response groups (i.e., airport security/police), as listed in Section 1.2. Perform off-site decontamination and contain wastes for proper disposal. If a fire or explosion occurs, all on-site personnel must meet in the designated area of the site (established by the HSO or designee) for an accurate head count.

11.4 Equipment Failure

Should there be any equipment failure, breakdown, etc. the Project Manager and HSO shall be contacted immediately. The Project Manager or the HSO will make every effort to replace or repair the equipment in a timely manner.

11.5 Spill Response

The site HSO or designee shall initiate a corrective action program with the subcontractors in the event of an accidental release of a hazardous material, suspected hazardous material or petroleum. The HSO or designee will act as the Emergency Coordinator with the subcontractors for the purposes of: spill prevention; identifying releases; implementing clean up measures; and notification of appropriate personnel.

The corrective action program will be implemented by the HSO and subcontractor to effectively control and minimize any impact accidental releases may have to the environment.

Effective control measures will include:

- Preliminary assessment of the release.
- Control of the release source.
- Containment of the released material.
- Effective clean-up of the released material.

Potential sources of accidental releases include: hydraulic oil spills or petroleum leaks from heavy equipment; cooling oils (potentially PCB containing) for electrical equipment handling and cleaning; and spills from drums, vats, vessels, and tanks. The HSO/Emergency Coordinator in conjunction with the subcontractor shall respond to an accidental release in the following manner:

- Identify the character, source, amount and area affected by the release.
- Have subcontractor take all reasonable steps to control the release.
- Notify facility personnel.
- Notify the NYSDEC Spill Hotline at 1-800-457-7362 if required.
- Contain the release with sorbent material which should include speedi-dry, spill socks and sorbent pads.
- Prevent the release from entering sensitive receptors (i.e., catch basins and surface water) using the specified sorbent material or sandbags.
- Coordinate cleanup of the released material.
- Oversee proper handling and storage of contaminated material for disposal.

At no time should personal health or safety be compromised or jeopardized in an attempt to control a release. All health and safety measures as outlined in this HASP should be adhered to.

12.0 ADDITIONAL WORK PRACTICES

Workers will be expected to adhere to the established safety practices. Work on the project will be conducted according to established protocol and guidelines for the safety and health of all involved. The following will be adhered to:

- Employ the buddy system when possible, and for those work tasks which require it. Establish and maintain communications.
- Minimize contact with potentially contaminated soil, sediment and water.
- Employ disposable items when possible to minimize risks during decontamination and possible cross-contamination during sample handling.
- Smoking, eating, or drinking after entering the work zone and before decontamination will not be allowed.
- Avoid heat and other work stress related to wearing personal protective equipment. Take breaks as necessary and drink plenty of fluids to prevent dehydration.
- Withdrawal from a suspected or actual hazardous situation to reassess procedures is the preferred course of action.
- The removal of facial hair (except mustaches) prior to working on-site will be required to allow for a proper respiratory face piece fit.
- The Project Manager, the HSO, and sampling personnel shall maintain records recording daily activities, meetings, facts, incidents, data, etc. relating to the project. These records will remain at the project site during the full duration of the project so that replacement personnel may add information while maintaining continuity. These daily records will become part of the permanent project file.

13.0 AUTHORIZATIONS

Personnel authorized to enter the exclusion zone at the Hudson Valley Regional Airport Site at 18 Griffith Way in the Town of Wappinger, Dutchess County, New York while operations are being conducted must be certified by the HSO. Authorization will involve completion of appropriate training courses and review and sign off of this HASP.

Personnel authorized to perform work on-site are as follows:

1. Eric White C.T. Male
2. Jim McIver C.T. Male
4. Jon Dippert C.T. Male
5. Nancy Garry C.T. Male
6. Dan Achtyl C.T. Male
7. Mary Loughlin C.T. Male
8. Cliff Bondi C.T. Male
10. Chris Ormsby C.T. Male
11. Ryan Hubbard C.T. Male
12. Lucas Hufnagel C.T. Male
13. Adam Rogers C.T. Male
14. Logan Benoit C.T. Male
15. Mark Williams C.T. Male

14.0 FIELD TEAM REVIEW

Each field team member shall sign this section after site specific training is completed and before being permitted to work on-site.

I have read and understood this Site Specific Health and Safety Plan, and I will comply with the provisions contained therein.

PROJECT: Site Characterization Investigation
Hudson Valley Regional Airport Site
18 Griffith Way
Town of Wappinger
Dutchess County, New York

Name: Printed	Signature	Date

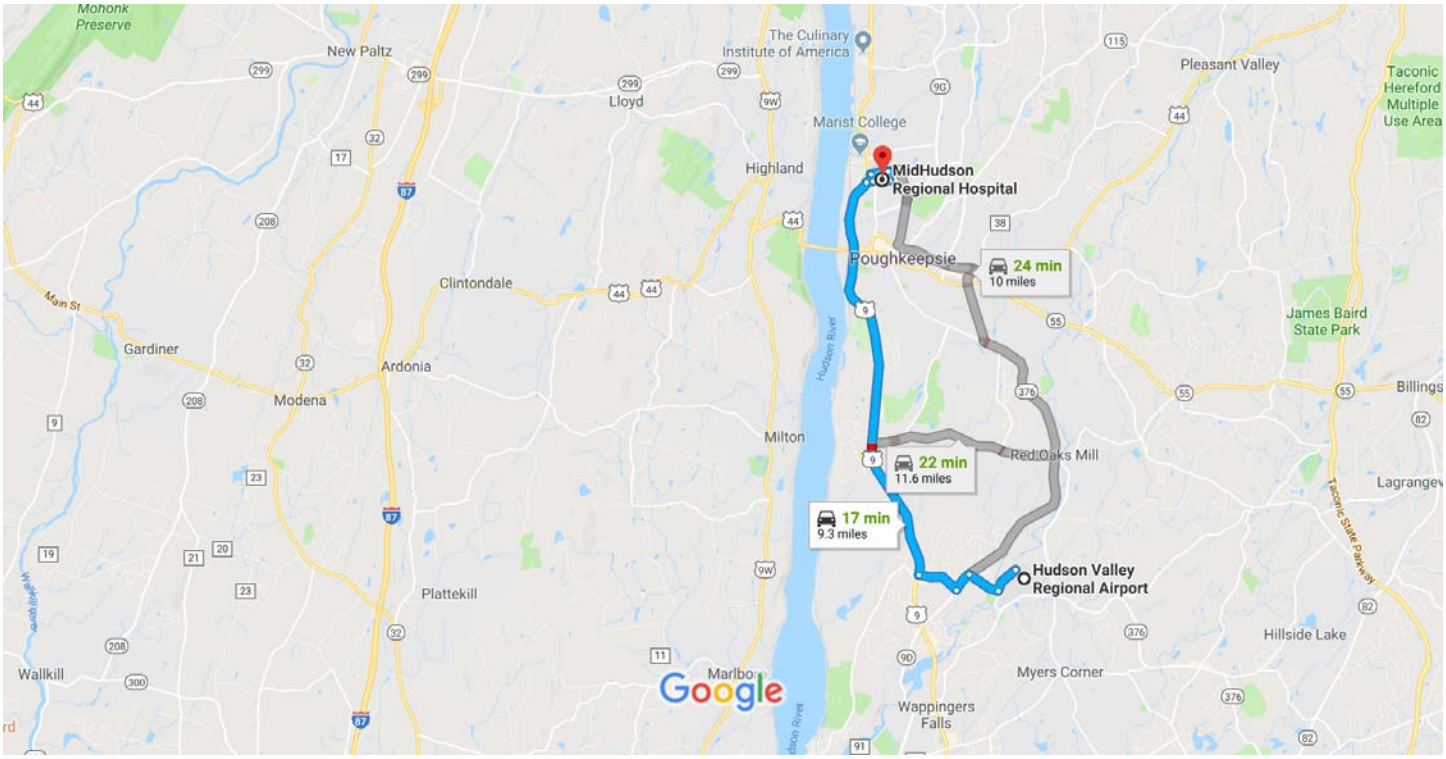
FIGURE 1

MAP SHOWING ROUTE TO MIDHUDSON REGIONAL HOSPITAL

Google Maps

Hudson Valley Regional Airport to MidHudson Regional Hospital, 241 North Rd, Poughkeepsie, NY 12601

Drive 9.3 miles, 17 min



Hudson Valley Regional Airport

263 New Hackensack Rd, Wappingers Falls, NY 12590

Take Jackson Rd and Spring Rd to U.S. 9 N in Poughkeepsie

5 min (2.0 mi)

1. Head southwest on Citation Dr toward Jackson Rd

0.4 mi

2. Turn right onto Jackson Rd

0.5 mi

3. Turn left onto Vassar Rd

0.3 mi

4. Turn right onto Spring Rd

0.7 mi

5. Turn right onto U.S. 9 N

10 min (6.6 mi)

Take North Rd, W Cedar St and Garden St Exd to your destination in Fairview

3 min (0.7 mi)

6. Turn right onto NY-9G N

0.1 mi

7. Turn left onto North Rd

0.1 mi

8. Turn right onto W Cedar St

0.3 mi

9. Turn right onto Garden St Exd

0.1 mi

10. Turn right onto Webster Ave

289 ft

11. Continue straight

Destination will be on the right

89 ft

MidHudson Regional Hospital

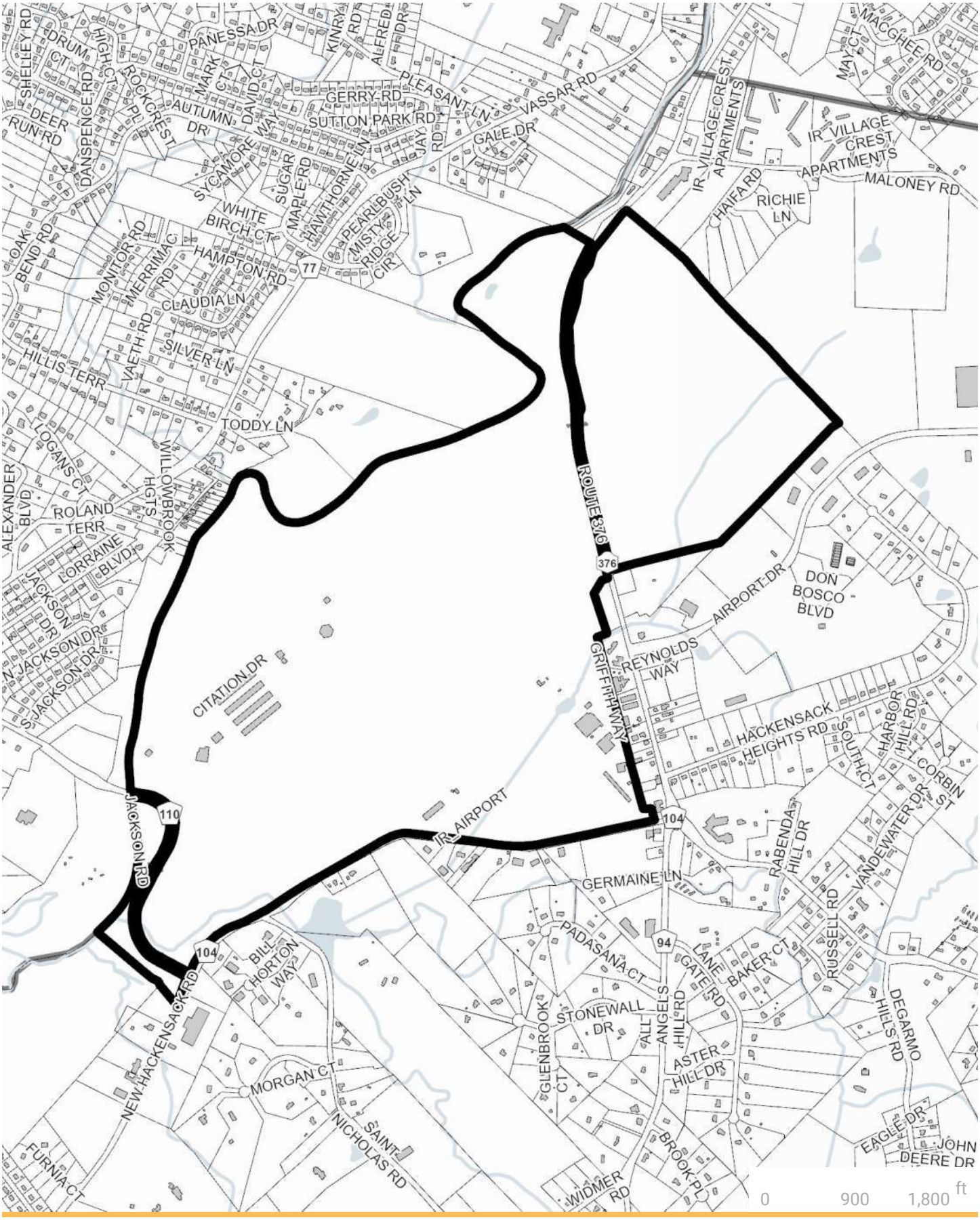
241 North Rd, Poughkeepsie, NY 12601

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

EXHIBITS

EXHIBIT 1

DUTCHESS COUNTY TAX MAP, HUDSON VALLEY REGIONAL AIRPORT



Dutchess County
New York

Parcel Lines

Dutchess County, NY

Printed By:
ParcelAccess

N

ParcelAccess
3/13/2024

EXHIBIT 2

HUDSON VALLEY REGIONAL AIRPORT

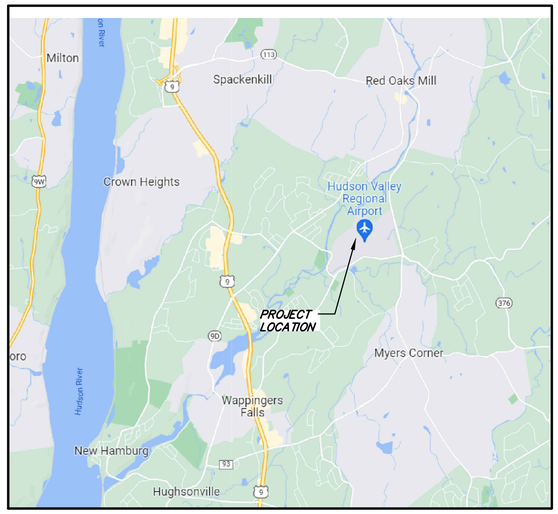
SKY HARBOUR NORTH HANGAR FOUNDATION DRAWING BY OECIS, DATED MARCH 14, 2025

SITE UTILITY/PERMIT DRAWINGS FOR COMMERCIAL DEVELOPMENT BY PASSERO, DATED APRIL 2025

SITE/UTILITY PERMIT DRAWINGS FOR:

COMMERCIAL HANGAR DEVELOPMENT

HUDSON VALLEY REGIONAL AIRPORT (POU)



LOCATION MAP
NOT TO SCALE

PASSERO ASSOCIATES
engineering architecture

SUBMITTED BY: _____ DATE: March, 2025
MATT J. NISSEN
LICENSE NUMBER 104260

DUTCHESS COUNTY
POUGHKEEPSIE, NY 12601
APRIL 2025

BID SET

Y:\Projects-New\2003\3300014\9\3300014.0019\01_CAD-BIM-Model\Airport\3300014.0019 C-000 Cover Sheet.dwg Apr 29, 2025 - 10:44am

LEGEND

R.O.W.	RIGHT OF WAY LINE
	EXISTING PROPERTY LINE
EAPL	EXISTING AIRPORT PROPERTY LINE
957	EXISTING CONTOUR
950	PROPOSED CONTOUR
× 956.1	EXISTING SPOT ELEVATION
956.5 X	PROPOSED SPOT ELEVATION
TW: 151.00' BW (EX): 145.94' BW (NEW): 149.99'	PROPOSED WALL SPOT ELEVATION TOP OF WALL (TW), BOTTOM OF WALL (BW): PROPOSED GRADE SIDE (NEW), EXISTING GRADE SIDE (EX) *RETAINING WALL DESIGN TO BE PERFORMED BY TOHERS AND BY A LICENSED ENGINEER. BOTTOM OF WALL ELEVATION TO BE ELEVATION AT GRADE, NOT BOTTOM FOUNDATION COURSE OF THE WALL
	EXISTING WATERWAY/SWALE
	PROPOSED SWALE W/FLOW DIRECTION
TOFA TOFA	TAXIWAY OBJECT FREE AREA
TSA TSA	TAXIWAY SAFETY AREA
ROFA ROFA	RUNWAY OBJECT FREE AREA
RSA RSA	RUNWAY SAFETY AREA
	EXISTING BUILDING
x x x	EXISTING FENCE
	SILT FENCE
	EXISTING EDGE OF TREES / BRUSH
	EXISTING TAXIWAY EDGE LIGHT
E	EXISTING ELECTRICAL
E E E	PROPOSED ELECTRICAL
G	EXISTING GAS MAIN
GAS GAS	PROPOSED GAS SERVICE
	EXISTING DUCT BANK
T T T	PROPOSED TELECOMMUNICATIONS LINE
W	EXISTING WATERMAIN, HYRANT, AND VALVE
W	PROPOSED WATERMAIN, HYRANT, VALVE, AND DISINFECTION/SAMPLING TAP
	EXISTING STORM DRAINAGE PIPE W/ END SECTIONS
PP	EXISTING POWER POLE
	EXISTING LIGHT POLE
CB	EXISTING CATCH BASIN
D	EXISTING STORM MANHOLE
HH	EXISTING HANDHOLE
JC	EXISTING JUNCTION CAN
	PROPOSED JUNCTION CAN
	PROPOSED NEW LIGHT POLE W/ OBSTRUCTION LIGHT
PT-1	PERC. TEST LOCATION W/ IDENTIFICATION NUMBER
DT-1	DEEP TEST W/ IDENTIFICATION NUMBER
	SURVEY CONTROL POINT
SS SS	PROPOSED SILT SOCK
SF SF	PROPOSED SILT FENCE
	PROPOSED SEDIMENT CONTROL AT STRUCTURES

ABBREVIATIONS

&	AND
ABND	ABANDONED
ADJ	ADJUST
AOBE	AS ORDERED BY THE ENGINEER
ASPH	ASPHALT
BIT	BITUMINOUS
℄	BASELINE
BM	BENCH MARK
CATV	CABLE TV LINE
CB	CATCH BASIN
℄	CENTERLINE
CLF	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
CMPA	CORRUGATED METAL PIPE (ARCH)
CP	CONTROL POINT
Δ	DELTA
D	DEGREE OF CURVATURE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DR	DRIVEWAY / DRAINAGE STRUCTURE WITH No. e.g. DR 6
E	ELECTRICAL LINE
EAPL	EXISTING AIRPORT PROPERTY LINE
EL / ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EVCE	END VERTICAL CURVE ELEVATION
EVCS	END VERTICAL STATION
EXIST / EX	EXISTING
FBO	FIXED BASE OPERATOR
FI	FIELD INLET
G	GAS LINE
GR	GRAVEL
GV	GAS VALVE
HCL	HORIZONTAL CONTROL LINE
HDPE	CORRUGATED POLYETHYLENE PIPE
HORIZ / HORZ	HORIZONTAL
HP	HIGH POINT
HH	HAND HOLE
HYD	HYDRANT
INV	INVERT
IP	IRON PIPE
LF	LINEAR FEET
LP / L POLE	LIGHT POLE
LP	LOW POINT
MH	MANHOLE
MAX	MAXIMUM
MIRL	MEDIUM INTENSITY RUNWAY LIGHT
MON	MONUMENT
℄	MONUMENT LINE
N/F	NOW OR FORMERLY
N.I.C.	NOT IN CONTRACT
NOTAM	NOTICE TO AIRMEN
OHE	OVERHEAD ELECTRIC
P	PARCEL
PAPI	PRECISION APPROACH PATH INDICATOR
PAVT	PAVEMENT
PB	PULL BOX
PC	POINT OF CURVATURE
PCC	PORTLAND CONCRETE CEMENT / POINT OF COMPOUND CURVE
PI	POINT OF INTERSECTION
PK	PK NAIL (SURVEY MARKER)
℄	PROPERTY LINE
PP	POWER POLE
PROP	PROPOSED
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE PIPE / POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
R	RADIUS OF CURVE
RCP	REINFORCED CONCRETE PIPE
RE	RESIDENT ENGINEER
(REC)	RECORD
REIL	RUNWAY END IDENTIFICATION LIGHTS
ROFA	RUNWAY OBJECT FREE AREA
ROW	RIGHT-OF-WAY
RPZ	RUNWAY PROTECTION ZONE
RR	RAILROAD
RSA	RUNWAY SAFETY AREA
RW	RETAINING WALL
R/W / RWY	RUNWAY
S	SANITARY SEWER LINE
SFCMPA	SMOOTH FLOW CORRUGATED METAL PIPE (ARCH)
ST	STORM LINE
STA	STATION
STD	STANDARD
STY	STORY
SW	SIDEWALK
T	TELEPHONE LINE / TANGENT LENGTH
TG	TOP OF GRATE
TGL	THEORETICAL GRADE LINE
TSA	TAXIWAY SAFETY AREA
TRAN	TRANSITION
TYP	TYPICAL
T/W / TWY	TAXIWAY
U.D.	UNDERDRAIN
USC&GS	UNITED STATES COASTAL AND GEODETIC SURVEY
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
W	WATER LINE
WV	WATER VALVE

INDEX TO SHEETS

DRAWING NO.	TITLE
C-000	COVER SHEET
C-001	INDEX SHEET
C-002	GENERAL PLAN & SURVEY CONTROL
C-031	CONSTRUCTION SAFETY & PHASING PLAN
C-032	CRANE TEMPORARY CONSTRUCTION OPERATING ENVELOPE
C-033	TAXIWAY D TEMPORARY CONSTRUCTION EQUIP. ENVELOPE
C-101	SITE PLAN
C-102	EXISTING CONDITIONS & DEMO PLAN
C-121	UTILITY PLAN
C-122	WATER MAIN PROFILE & STORM REPLACEMENT
C-161	MARKING PLAN
C-201	GRADING AND EROSION CONTROL PLAN
C-501	PAVEMENT SECTIONS & DETAILS
C-511	UTILITY DETAILS - SHEET 1
C-512	UTILITY DETAILS - SHEET 2
C-513	UTILITY DETAILS - SHEET 3
C-514	UTILITY DETAILS - SHEET 4
C-515	ELECTRICAL DETAILS
C-521	MISCELLANEOUS DETAILS
C-531	MPT & EROSION CONTROL DETAILS
C-541	NOTES & DETAILS
C-551	ADS ECOSTREAM DETAILS
C-552	ADS ECOSTREAM DETAILS
C-553	ADS ECOSTREAM DETAILS

PASSERO engineering architecture

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Telephone: (866) 764-7616

Principal-in-Charge — Andrew Holesko
Project Manager — Matt Nissen, P.E.
Designed by — LDS, ZJH

Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:

STATE OF NEW YORK · MATTHEW JAMES NISSEN · 104260 · LICENSED PROFESSIONAL ENGINEER

Site:

Hudson Valley Regional Airport

263 New Hackensack Rd.
Wappingers Falls, NY 12590

Client:

Sky Harbour LLC
136 Tower Rd., Suite 205
White Plains, NY 10604

Revisions:

MARK	DATE	DESCRIPTION

PROJECT NO: 23000149.0019
CAD DWG FILE: 23000149.0019 C-001 Index Sheet.dwg
DRAWN BY: AG, ZJH
CHECKED BY: MJN

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Sheet Title:

Index Sheet

C-001

April 2025

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GENERAL NOTES:

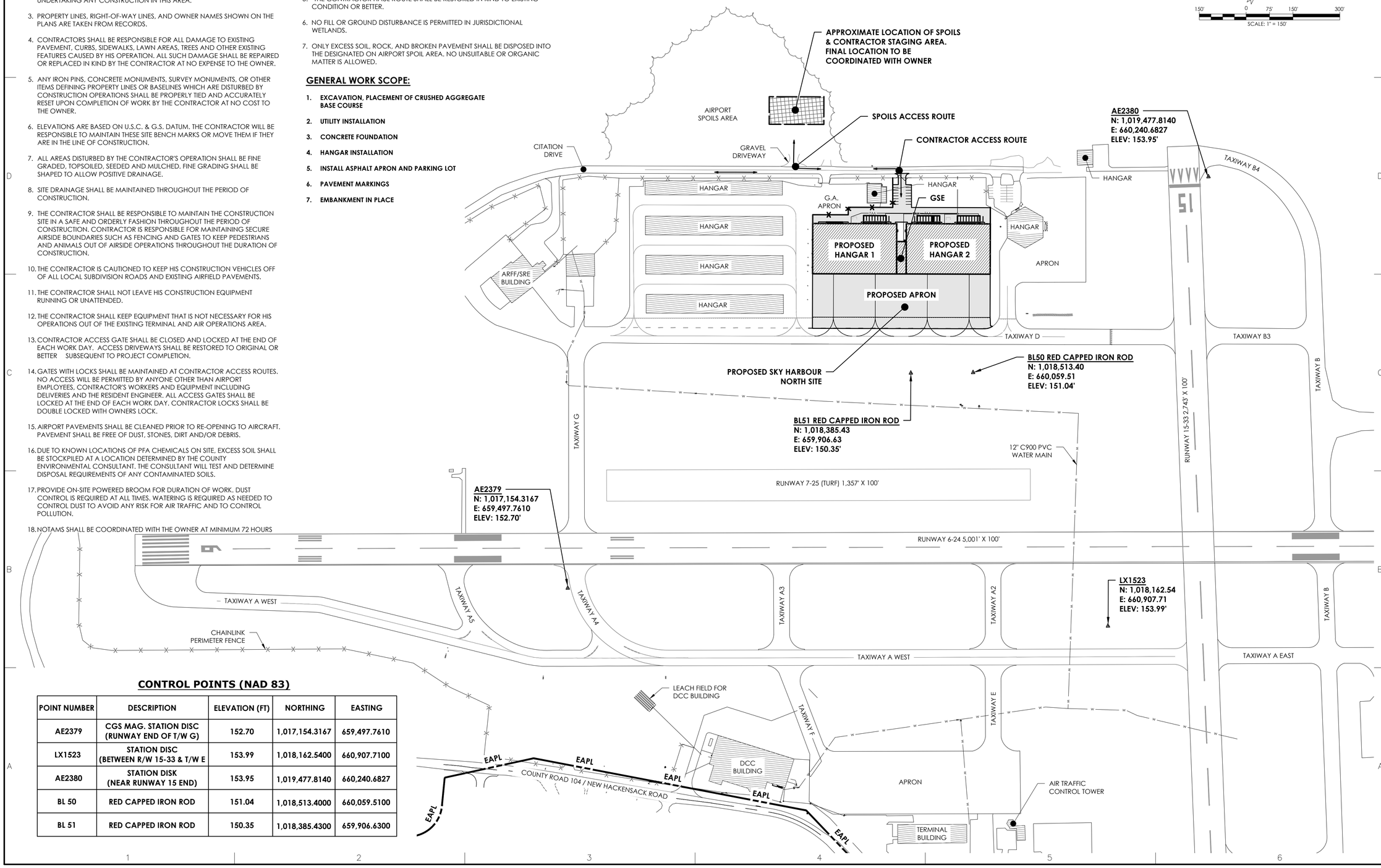
1. THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES AND APPURTENANCES, BOTH ABOVE AND BELOW GROUND, SHOWN ON THE PLANS ARE APPROXIMATE AND ARE NOT GUARANTEED. THE DATA FOR EXISTING UTILITIES HAS BEEN OBTAINED FROM THE UTILITY OWNER'S RECORD MAPS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES AND APPURTENANCES IN THE PATH OF, ADJACENT TO AND UNDER THE PATH OF THE PROPOSED WORK.
2. THE OWNERS OF THE VARIOUS UTILITIES WILL FIELD LOCATE AND MARK THE LOCATION OF THE FACILITIES. THE CONTRACTOR IS CAUTIONED TO NOTIFY CENTRAL STAKE OUT FOR LOCATION OF UNDERGROUND UTILITIES BEFORE UNDERTAKING ANY CONSTRUCTION IN THIS AREA.
3. PROPERTY LINES, RIGHT-OF-WAY LINES, AND OWNER NAMES SHOWN ON THE PLANS ARE TAKEN FROM RECORDS.
4. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING PAVEMENT, CURBS, SIDEWALKS, LAWN AREAS, TREES AND OTHER EXISTING FEATURES CAUSED BY HIS OPERATION. ALL SUCH DAMAGE SHALL BE REPAIRED OR REPLACED IN KIND BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
5. ANY IRON PINS, CONCRETE MONUMENTS, SURVEY MONUMENTS, OR OTHER ITEMS DEFINING PROPERTY LINES OR BASELINES WHICH ARE DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE PROPERLY TIED AND ACCURATELY RESET UPON COMPLETION OF WORK BY THE CONTRACTOR AT NO COST TO THE OWNER.
6. ELEVATIONS ARE BASED ON U.S.C. & G.S. DATUM. THE CONTRACTOR WILL BE RESPONSIBLE TO MAINTAIN THESE SITE BENCH MARKS OR MOVE THEM IF THEY ARE IN THE LINE OF CONSTRUCTION.
7. ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATION SHALL BE FINE GRADED, TOPSOILED, SEEDED AND MULCHED. FINE GRADING SHALL BE SHAPED TO ALLOW POSITIVE DRAINAGE.
8. SITE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF CONSTRUCTION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE CONSTRUCTION SITE IN A SAFE AND ORDERLY FASHION THROUGHOUT THE PERIOD OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SECURE AIRSIDE BOUNDARIES SUCH AS FENCING AND GATES TO KEEP PEDESTRIANS AND ANIMALS OUT OF AIRSIDE OPERATIONS THROUGHOUT THE DURATION OF CONSTRUCTION.
10. THE CONTRACTOR IS CAUTIONED TO KEEP HIS CONSTRUCTION VEHICLES OFF OF ALL LOCAL SUBDIVISION ROADS AND EXISTING AIRFIELD PAVEMENTS.
11. THE CONTRACTOR SHALL NOT LEAVE HIS CONSTRUCTION EQUIPMENT RUNNING OR UNATTENDED.
12. THE CONTRACTOR SHALL KEEP EQUIPMENT THAT IS NOT NECESSARY FOR HIS OPERATIONS OUT OF THE EXISTING TERMINAL AND AIR OPERATIONS AREA.
13. CONTRACTOR ACCESS GATE SHALL BE CLOSED AND LOCKED AT THE END OF EACH WORK DAY. ACCESS DRIVEWAYS SHALL BE RESTORED TO ORIGINAL OR BETTER SUBSEQUENT TO PROJECT COMPLETION.
14. GATES WITH LOCKS SHALL BE MAINTAINED AT CONTRACTOR ACCESS ROUTES. NO ACCESS WILL BE PERMITTED BY ANYONE OTHER THAN AIRPORT EMPLOYEES, CONTRACTOR'S WORKERS AND EQUIPMENT INCLUDING DELIVERIES AND THE RESIDENT ENGINEER. ALL ACCESS GATES SHALL BE LOCKED AT THE END OF EACH WORK DAY. CONTRACTOR LOCKS SHALL BE DOUBLE LOCKED WITH OWNERS LOCK.
15. AIRPORT PAVEMENTS SHALL BE CLEANED PRIOR TO RE-OPENING TO AIRCRAFT. PAVEMENT SHALL BE FREE OF DUST, STONES, DIRT AND/OR DEBRIS.
16. DUE TO KNOWN LOCATIONS OF PFA CHEMICALS ON SITE, EXCESS SOIL SHALL BE STOCKPILED AT A LOCATION DETERMINED BY THE COUNTY ENVIRONMENTAL CONSULTANT. THE CONSULTANT WILL TEST AND DETERMINE DISPOSAL REQUIREMENTS OF ANY CONTAMINATED SOILS.
17. PROVIDE ON-SITE POWERED BROOM FOR DURATION OF WORK. DUST CONTROL IS REQUIRED AT ALL TIMES. WATERING IS REQUIRED AS NEEDED TO CONTROL DUST TO AVOID ANY RISK FOR AIR TRAFFIC AND TO CONTROL POLLUTION.
18. NOTAMS SHALL BE COORDINATED WITH THE OWNER AT MINIMUM 72 HOURS PRIOR TO TAXIWAY CLOSURES AND WORK WITHIN THE TOFA.

SPOIL AREA NOTES:

1. THE SPOIL AREA LIMITS ARE APPROXIMATE. THE FINISHED GRADING AND FILL LIMITS SHALL BE APPROVED BY OWNER.
3. SPOIL AREAS SHALL BE GRADED TO PERMIT POSITIVE DRAINAGE. FINISHED SLOPE SHALL BE NO STEEPER THAN 1 ON 4.
4. COSTS FOR CLEARING AND GRUBBING, SOIL EROSION AND SILTATION CONTROL, SURVEY AND STAKEOUT, TEMPORARY DRAINAGE, AND MAINTENANCE AND PROTECTION OF TRAFFIC ASSOCIATED WITH THE SPOIL AREA SHALL BE INCLUDED IN LUMP SUM BID.
5. THE CONTRACTOR HAUL ROUTE SHALL BE RESTORED IN KIND TO EXISTING CONDITION OR BETTER.
6. NO FILL OR GROUND DISTURBANCE IS PERMITTED IN JURISDICTIONAL WETLANDS.
7. ONLY EXCESS SOIL, ROCK, AND BROKEN PAVEMENT SHALL BE DISPOSED INTO THE DESIGNATED ON AIRPORT SPOIL AREA. NO UNSUITABLE OR ORGANIC MATTER IS ALLOWED.

GENERAL WORK SCOPE:

1. **EXCAVATION, PLACEMENT OF CRUSHED AGGREGATE BASE COURSE**
2. **UTILITY INSTALLATION**
3. **CONCRETE FOUNDATION**
4. **HANGAR INSTALLATION**
5. **INSTALL ASPHALT APRON AND PARKING LOT**
6. **PAVEMENT MARKINGS**
7. **EMBANKMENT IN PLACE**



CONTROL POINTS (NAD 83)

POINT NUMBER	DESCRIPTION	ELEVATION (FT)	NORTHING	EASTING
AE2379	CGS MAG. STATION DISC (RUNWAY END OF T/W G)	152.70	1,017,154.3167	659,497.7610
LX1523	STATION DISC (BETWEEN R/W 15-33 & T/W E	153.99	1,018,162.5400	660,907.7100
AE2380	STATION DISK (NEAR RUNWAY 15 END)	153.95	1,019,477.8140	660,240.6827
BL 50	RED CAPPED IRON ROD	151.04	1,018,513.4000	660,059.5100
BL 51	RED CAPPED IRON ROD	150.35	1,018,385.4300	659,906.6300

PASSERO engineering architecture
1A Pine West Plaza
Washington Avenue Extension
Albany, NY 12205
Telephone: (866) 764-7616
Principal-in-Charge: Andrew Holesko
Project Manager: Matt Nissen, P.E.
Designed by: LDS, ZJH

Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:

STATE OF NEW YORK MATTHEW JAMES NISSEN LICENSED PROFESSIONAL ENGINEER 104260

Site:

Hudson Valley Regional Airport
263 New Hackensack Rd.
Wappingers Falls, NY 12590

Client:

Sky Harbour LLC
136 Tower Rd., Suite 205
White Plains, NY 10604

Revisions:

MARK	DATE	DESCRIPTION

PROJECT NO: 23000149.0019
CAD DWG FILE: 23000149.0019 C-002 General Plan & Survey Control.dwg
DRAWN BY: AG, ZJH
CHECKED BY: MJN

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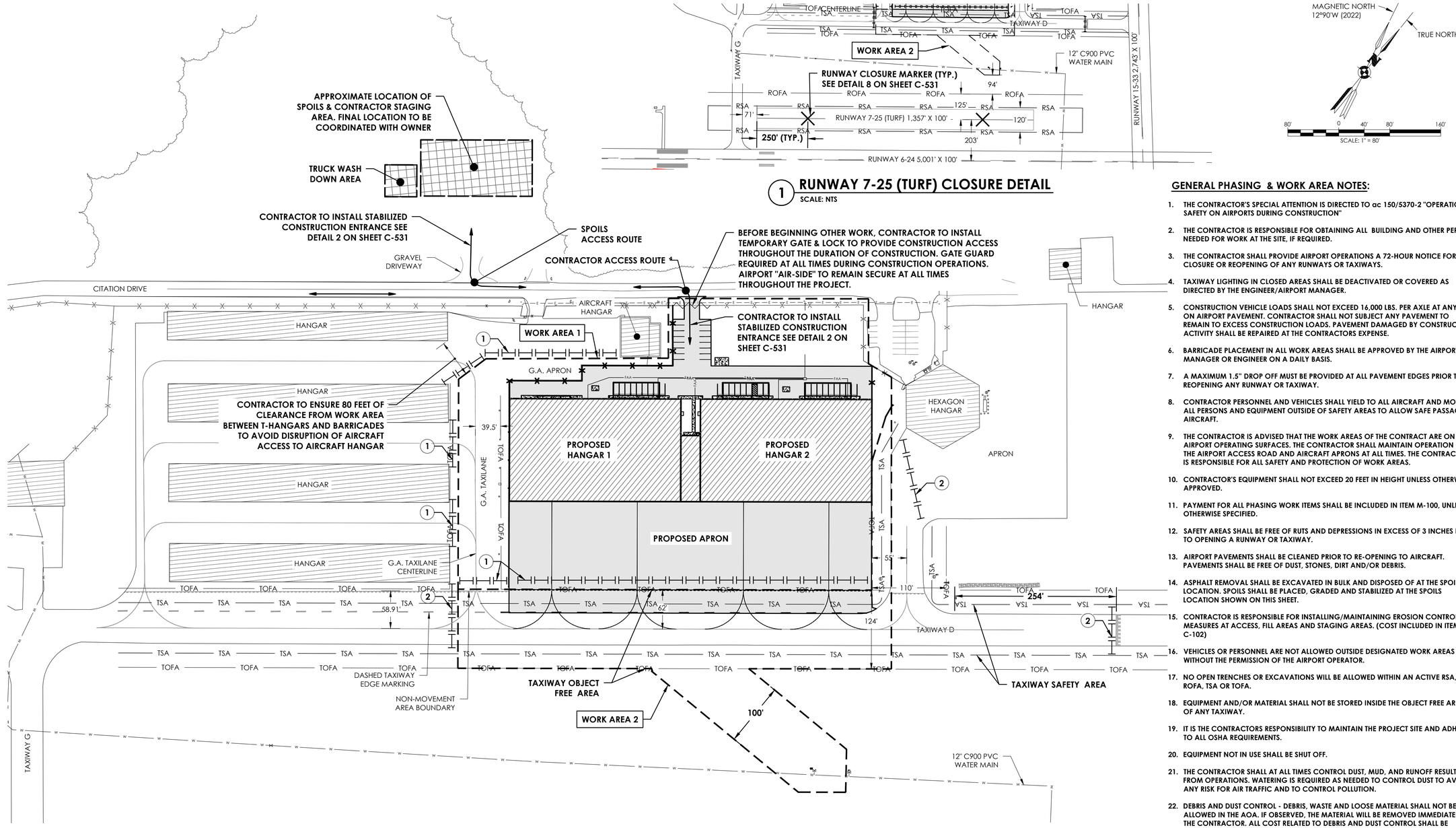
Sheet Title:

General Plan & Survey Control

C-002

April 2025

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1 RUNWAY 7-25 (TURF) CLOSURE DETAIL

SCALE: NTS

GENERAL PHASING & WORK AREA NOTES:

1. THE CONTRACTOR'S SPECIAL ATTENTION IS DIRECTED TO ac 150/5370-2 "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION"
2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL BUILDING AND OTHER PERMITS NEEDED FOR WORK AT THE SITE, IF REQUIRED.
3. THE CONTRACTOR SHALL PROVIDE AIRPORT OPERATIONS A 72-HOUR NOTICE FOR CLOSURE OR REOPENING OF ANY RUNWAYS OR TAXIWAYS.
4. TAXIWAY LIGHTING IN CLOSED AREAS SHALL BE DEACTIVATED OR COVERED AS DIRECTED BY THE ENGINEER/AIRPORT MANAGER.
5. CONSTRUCTION VEHICLE LOADS SHALL NOT EXCEED 16,000 LBS. PER AXLE AT ANY TIME ON AIRPORT PAVEMENT. CONTRACTOR SHALL NOT SUBJECT ANY PAVEMENT TO REMAIN TO EXCESS CONSTRUCTION LOADS. PAVEMENT DAMAGED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
6. BARRICADE PLACEMENT IN ALL WORK AREAS SHALL BE APPROVED BY THE AIRPORT MANAGER OR ENGINEER ON A DAILY BASIS.
7. A MAXIMUM 1.5" DROP OFF MUST BE PROVIDED AT ALL PAVEMENT EDGES PRIOR TO REOPENING ANY RUNWAY OR TAXIWAY.
8. CONTRACTOR PERSONNEL AND VEHICLES SHALL YIELD TO ALL AIRCRAFT AND MOVE ALL PERSONS AND EQUIPMENT OUTSIDE OF SAFETY AREAS TO ALLOW SAFE PASSAGE OF AIRCRAFT.
9. THE CONTRACTOR IS ADVISED THAT THE WORK AREAS OF THE CONTRACT ARE ON THE AIRPORT OPERATING SURFACES. THE CONTRACTOR SHALL MAINTAIN OPERATION OF THE AIRPORT ACCESS ROAD AND AIRCRAFT APRONS AT ALL TIMES. THE CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY AND PROTECTION OF WORK AREAS.
10. CONTRACTOR'S EQUIPMENT SHALL NOT EXCEED 20 FEET IN HEIGHT UNLESS OTHERWISE APPROVED.
11. PAYMENT FOR ALL PHASING WORK ITEMS SHALL BE INCLUDED IN ITEM M-100, UNLESS OTHERWISE SPECIFIED.
12. SAFETY AREAS SHALL BE FREE OF RUTS AND DEPRESSIONS IN EXCESS OF 3 INCHES PRIOR TO OPENING A RUNWAY OR TAXIWAY.
13. AIRPORT PAVEMENTS SHALL BE CLEANED PRIOR TO RE-OPENING TO AIRCRAFT. PAVEMENTS SHALL BE FREE OF DUST, STONES, DIRT AND/OR DEBRIS.
14. ASPHALT REMOVAL SHALL BE EXCAVATED IN BULK AND DISPOSED OF AT THE SPOILS LOCATION. SPOILS SHALL BE PLACED, GRADED AND STABILIZED AT THE SPOILS LOCATION SHOWN ON THIS SHEET.
15. CONTRACTOR IS RESPONSIBLE FOR INSTALLING/MAINTAINING EROSION CONTROL MEASURES AT ACCESS, FILL AREAS AND STAGING AREAS. (COST INCLUDED IN ITEM C-102)
16. VEHICLES OR PERSONNEL ARE NOT ALLOWED OUTSIDE DESIGNATED WORK AREAS WITHOUT THE PERMISSION OF THE AIRPORT OPERATOR.
17. NO OPEN TRENCHES OR EXCAVATIONS WILL BE ALLOWED WITHIN AN ACTIVE RSA, ROFA, TSA OR TOFA.
18. EQUIPMENT AND/OR MATERIAL SHALL NOT BE STORED INSIDE THE OBJECT FREE AREA OF ANY TAXIWAY.
19. IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN THE PROJECT SITE AND ADHERE TO ALL OSHA REQUIREMENTS.
20. EQUIPMENT NOT IN USE SHALL BE SHUT OFF.
21. THE CONTRACTOR SHALL AT ALL TIMES CONTROL DUST, MUD, AND RUNOFF RESULTING FROM OPERATIONS. WATERING IS REQUIRED AS NEEDED TO CONTROL DUST TO AVOID ANY RISK FOR AIR TRAFFIC AND TO CONTROL POLLUTION.
22. DEBRIS AND DUST CONTROL - DEBRIS, WASTE AND LOOSE MATERIAL SHALL NOT BE ALLOWED IN THE AOA. IF OBSERVED, THE MATERIAL WILL BE REMOVED IMMEDIATELY BY THE CONTRACTOR. ALL COST RELATED TO DEBRIS AND DUST CONTROL SHALL BE INCLUDED IN BID.
23. INSPECTION BY AIRPORT - PRIOR TO OPENING TO AIRCRAFT USE AND THE DEPARTURE OF THE CONTRACTORS WORK CREWS, THE CONTRACTOR WILL ARRANGE FOR INSPECTION BY THE AIRPORT OF CONTRACTOR ACTIVITY AREAS. THESE AREAS MUST COMPLY WITH THE SAFETY REQUIREMENTS DEFINED BY FEDERAL AVIATION REGULATIONS PART 139 (AND INTERPRETED BY THE DESIGNATED AIRPORT INSPECTOR) BEFORE PERMISSION FOR THE CONTRACTORS WORK CREWS TO DEPART WILL BE GRANTED. ANY VIOLATIONS IDENTIFIED BY THE AIRPORT ARE TO BE CORRECTED IMMEDIATELY BY THE CONTRACTOR PRIOR TO THE WORK CREW DEPARTING.
24. PLACE TEMPORARY RUNWAY CLOSURE MARKERS, A YELLOW FABRIC "X" SIZE 8' X 60' AS SHOWN ON DETAIL 1 OF THIS SHEET. CONTRACTOR WILL PROVIDE UNLIT RUNWAY CLOSURE MARKERS FOR THE DURATION OF CONSTRUCTION. SEE DETAIL 8 ON SHEET C-531 FOR DETAIL SPECIFICS. THE CONTRACTOR IS RESPONSIBLE FOR SETTING UP/REMOVAL AND MAINTENANCE OF MARKERS. IN THE EVENT MARKERS ARE DAMAGED, CONTRACTOR SHALL REPLACE AT NO ADDITIONAL COST TO THE OWNER. SECURE MARKERS IN PLACE WITH YELLOW SAND BAGS.

KEY NOTES:

(1) INSTALL LOW PROFILE BARRICADES WHEN WORKING IN WORK AREA 1.

(2) INSTALL LOW PROFILE BARRICADES WHEN WORKING IN WORK AREA 2.

WORK AREA PHASE NOTES:

WORK AREA 1

- INCLUDES ALL WORK OUTSIDE THE TAXIWAY D TOFA AND HEXAGON HANGAR TOFA.
- INCLUDES CLOSURE OF G.A. TAXILANE FOR WORK WITHIN G.A. TAXILANE
- INSTALL WORK AREA 1 BARRICADES ON G.A. APRON & G.A. TAXILANE AS SHOWN.
- INSTALL EROSION AND SEDIMENT CONTROL.
- COORDINATION SHALL BE ACTIVELY COMMUNICATED WITH THE AIRPORT FOR NOTAMS TO BE IN PLACE FOR TAXILANE CLOSURE. AIRPORT TO ENSURE WORK AREA IS READY FOR REOPENING PRIOR TO OPENING OF A TAXIWAY OR TAXILANE.

WORK AREA 2

- INCLUDES ALL WORK WITHIN THE TAXIWAY D TOFA AND HEXAGON HANGAR TOFA. WORK INCLUDES LIGHTING RECONFIGURATION, WATER MAIN INSTALLATION, DRAINAGE STRUCTURE & PIPE REMOVAL/REPLACEMENTS, SUBBASE AND PAVEMENT PLACEMENT AND PAVEMENT MARKINGS WITHIN THIS WORK AREA.
- WORK WITHIN WORK AREA 2 THAT SHALL BE COMPLETED PRIOR TO ONLY WORKING IN WORK AREA 1 INCLUDES TAXIWAY LIGHTING RECONFIGURATION, WATER MAIN INSTALLATION, DRAINAGE STRUCTURE & PIPE REMOVAL/REPLACEMENTS, AND SUBBASE PLACEMENT WITH TAPERED EDGE.
- RUNWAY 7-25 IS REQUIRED TO BE CLOSED FOR WATERMAIN INSTALLATION WORK WITHIN THE WORK AREA. CONTRACTOR TO COMMUNICATE RUNWAY CLOSURE WITH AIRPORT. SEE DETAIL 1 THIS SHEET FOR RUNWAY CLOSURE "X" LOCATION OF PLACEMENT.
- PRIOR TO OPENING OF A TAXIWAY OR TAXILANE SUBBASE PLACEMENT SHALL BE TAPERED, NO OPEN EXCAVATIONS ARE ALLOWED WITHIN THE TOFA OR TSA OF AN OPEN TAXIWAY OR TAXILANE.

WORK AREA 2 (CONT.)

- COORDINATION SHALL BE ACTIVELY COMMUNICATED WITH THE AIRPORT FOR NOTAMS TO BE IN PLACE FOR RUNWAY/TAXIWAY/TAXILANE CLOSURES. AIRPORT TO ENSURE WORK AREA IS READY FOR REOPENING PRIOR TO OPENING OF A RUNWAY, TAXIWAY OR TAXILANE.
- INCLUDES CLOSURES OF RUNWAY 7-25, TAXIWAY D AND HEXAGON HANGAR TAXILANE.
- INSTALL WORK AREA 1 & WORK AREA 2 BARRICADES AS SHOWN FOR CLOSURES.
- INSTALL SILT FENCE/EROSION CONTROL.
- MINIMIZE DOWN TIME FOR TAXIWAY LIGHTING RECONFIGURATION AND ALL OTHER WORK WITHIN THIS WORK AREA.
- DEACTIVATE/COVER TAXIWAY LIGHTS AND SIGNS ON EXISTING TAXIWAY D WITHIN WORK AREA.
- ALL WORK IN WORK AREA 2 SHALL BE COMPLETED IN 10 CONSECUTIVE WORKING DAYS.

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Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:

STATE OF NEW YORK MATTHEW JAMES NISSEN LICENSED PROFESSIONAL ENGINEER 104260

Site:

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Client:

Sky Harbour LLC
136 Tower Rd., Suite 205
White Plains, NY 10604

Revisions:

MARK	DATE	DESCRIPTION

PROJECT NO: 23000149.0019
CAD DWG FILE: 23000149.0019 C-031 CSPP.dwg
DRAWN BY: AG, ZJH
CHECKED BY: MJN

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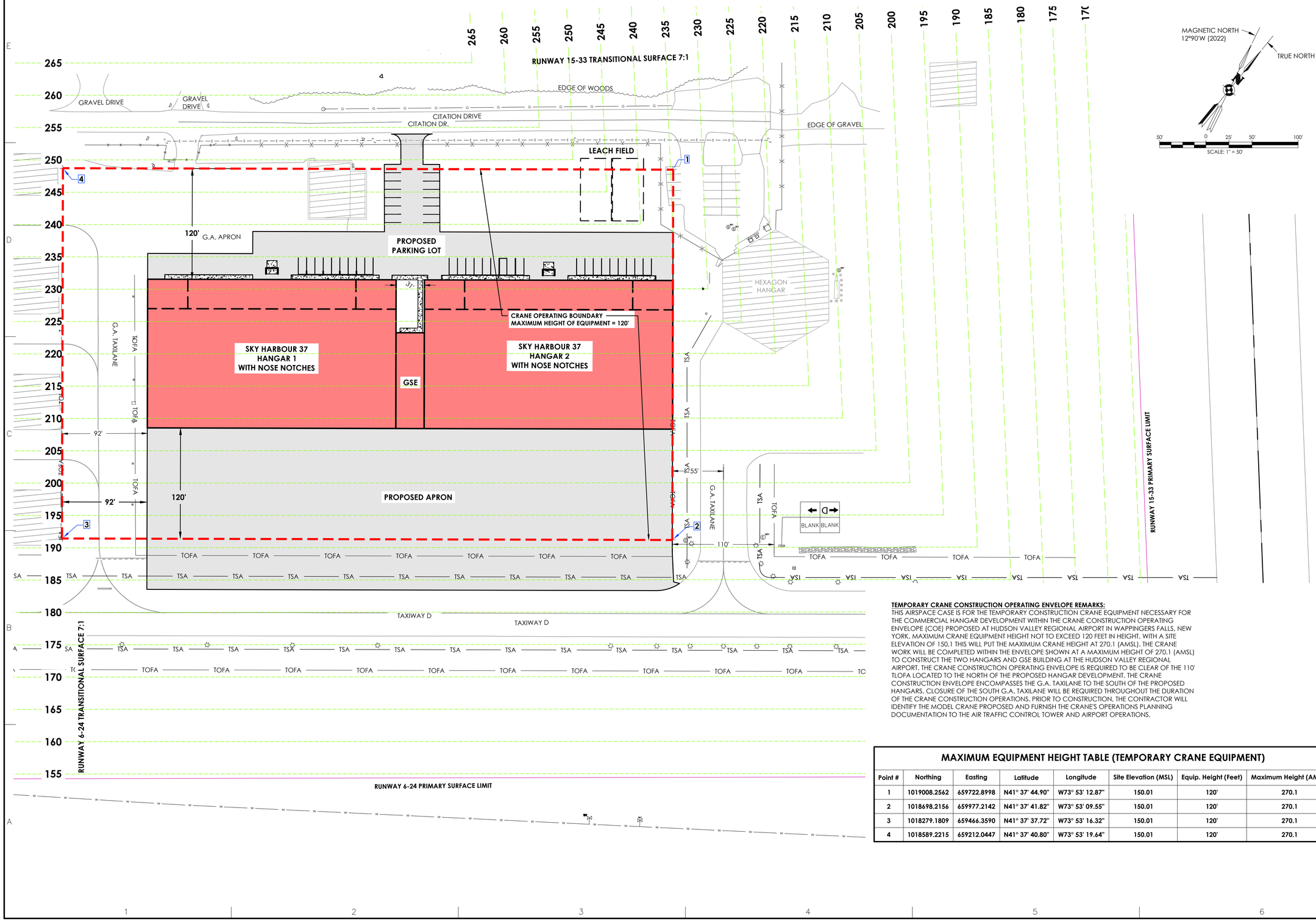
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Construction Safety & Phasing Plan

C-031

April 2025

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TEMPORARY CRANE CONSTRUCTION OPERATING ENVELOPE REMARKS:
THIS AIRSPACE CASE IS FOR THE TEMPORARY CONSTRUCTION CRANE EQUIPMENT NECESSARY FOR THE COMMERCIAL HANGAR DEVELOPMENT WITHIN THE CRANE CONSTRUCTION OPERATING ENVELOPE (COE) PROPOSED AT HUDSON VALLEY REGIONAL AIRPORT IN WAPPINGERS FALLS, NEW YORK. MAXIMUM CRANE EQUIPMENT HEIGHT NOT TO EXCEED 120 FEET IN HEIGHT. WITH A SITE ELEVATION OF 150.1 THIS WILL PUT THE MAXIMUM CRANE HEIGHT AT 270.1 (AMSL). THE CRANE WORK WILL BE COMPLETED WITHIN THE ENVELOPE SHOWN AT A MAXIMUM HEIGHT OF 270.1 (AMSL) TO CONSTRUCT THE TWO HANGARS AND GSE BUILDING AT THE HUDSON VALLEY REGIONAL AIRPORT. THE CRANE CONSTRUCTION OPERATING ENVELOPE IS REQUIRED TO BE CLEAR OF THE 110' TLOFA LOCATED TO THE NORTH OF THE PROPOSED HANGAR DEVELOPMENT. THE CRANE CONSTRUCTION ENVELOPE ENCOMPASSES THE G.A. TAXILANE TO THE SOUTH OF THE PROPOSED HANGARS. CLOSURE OF THE SOUTH G.A. TAXILANE WILL BE REQUIRED THROUGHOUT THE DURATION OF THE CRANE CONSTRUCTION OPERATIONS. PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL IDENTIFY THE MODEL CRANE PROPOSED AND FURNISH THE CRANE'S OPERATIONS PLANNING DOCUMENTATION TO THE AIR TRAFFIC CONTROL TOWER AND AIRPORT OPERATIONS.

MAXIMUM EQUIPMENT HEIGHT TABLE (TEMPORARY CRANE EQUIPMENT)

Point #	Northing	Easting	Latitude	Longitude	Site Elevation (MSL)	Equip. Height (Feet)	Maximum Height (AMSL)
1	1019008.2562	659722.8998	N41° 37' 44.90"	W73° 53' 12.87"	150.01	120'	270.1
2	1018698.2156	659977.2142	N41° 37' 41.82"	W73° 53' 09.55"	150.01	120'	270.1
3	1018279.1809	659466.3590	N41° 37' 37.72"	W73° 53' 16.32"	150.01	120'	270.1
4	1018589.2215	659212.0447	N41° 37' 40.80"	W73° 53' 19.64"	150.01	120'	270.1

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Revisions:

MARK	DATE	DESCRIPTION

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DRAWN BY: AG, ZJH
CHECKED BY: MJN

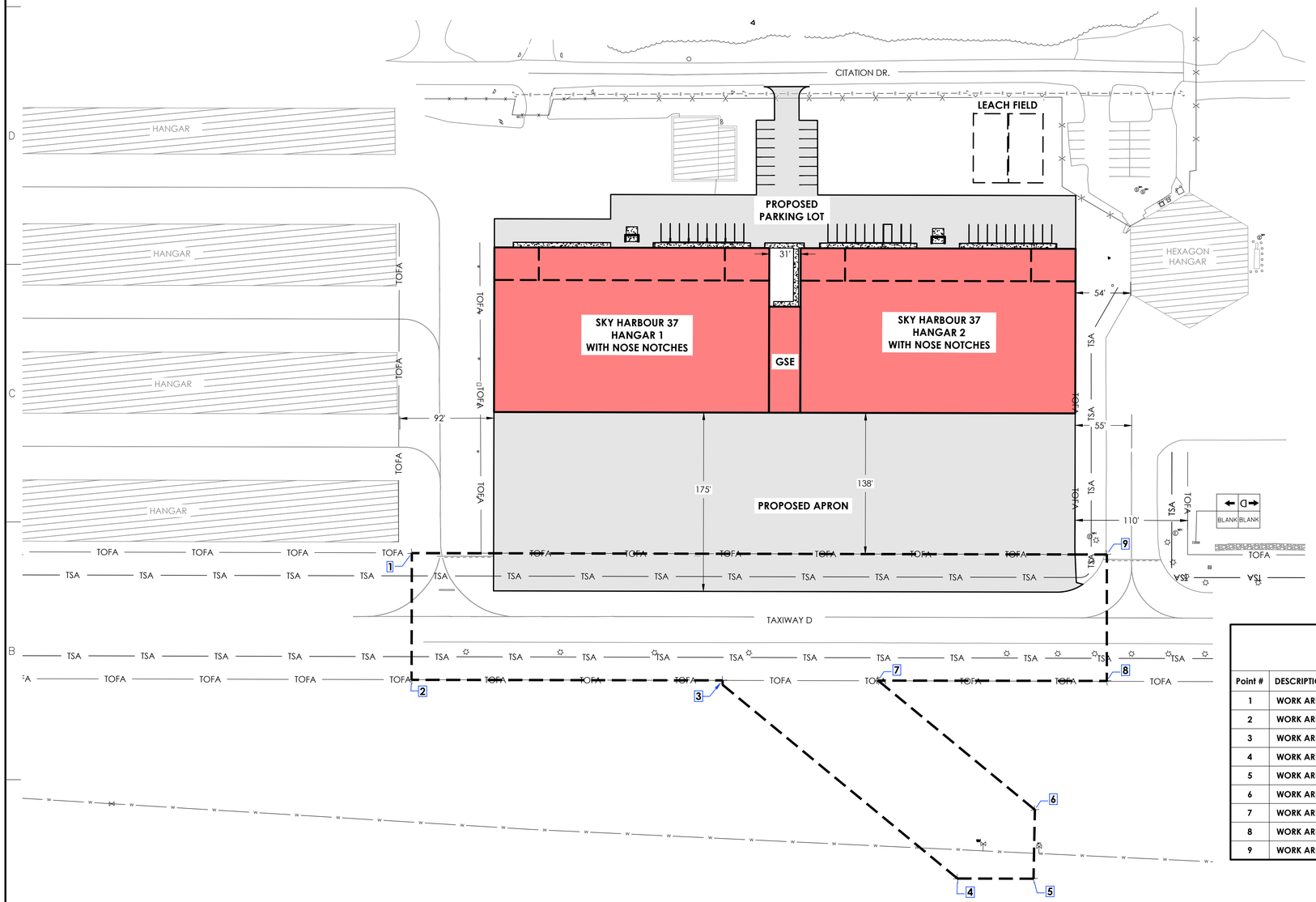
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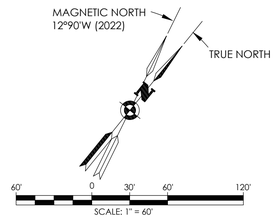
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C-032

April 2025

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TEMPORARY CONSTRUCTION ENVELOPE REMARKS:

THIS AIRSPACE CASE IS FOR THE TEMPORARY CONSTRUCTION OPERATING ENVELOPE (COE) FOR MOBILE EQUIPMENT NECESSARY FOR THE SKY HARBOUR COMMERCIAL HANGAR DEVELOPMENT WORK WITHIN THE TAXIWAY D TOFA AND WATER MAIN INSTALLATION ON THE SOUTH SIDE OF TAXIWAY D AT HUDSON VALLEY REGIONAL AIRPORT IN WAPPINGERS FALLS, NEW YORK. ANTICIPATED MOBILE TEMPORARY CONSTRUCTION EQUIPMENT HEIGHT NOT TO EXCEED 20 FEET. WORK INCLUDED WITHIN THE TAXIWAY D TOFA AND SOUTH OF TAXIWAY D INCLUDES EXCAVATION, UTILITY INSTALLATION, PAVEMENT SECTION INSTALLATION, GRADING AND PAVEMENT MARKINGS. WHEN WORKING WITHIN THIS COE COORDINATION WITH THE AIR TRAFFIC CONTROL TOWER AND AIRPORT OPERATIONS IS REQUIRED FOR THE CLOSURE OF TAXIWAY D. RUNWAY 7-25 CLOSURE IS REQUIRED FOR WORK IN THIS COE AND SHALL BE COORDINATED WITH THE AIR TRAFFIC CONTROL TOWER AND OPERATIONS.

MAXIMUM EQUIPMENT HEIGHT TABLE (MOBILE TEMP. CONSTRUCTION EQUIPMENT)

Point #	DESCRIPTION	Northing	Easting	Latitude	Longitude	Site Elevation (MSL)	Equip. Height (Feet)
1	WORK AREA	1018272.7121	659487.1736	N41° 37' 37.65"	W73° 53' 16.04"	147.02	20'
2	WORK AREA	1018176.9161	659565.7926	N41° 37' 36.70"	W73° 53' 15.02"	147.38	20'
3	WORK AREA	1018370.0946	659801.0057	N41° 37' 38.59"	W73° 53' 11.90"	149.30	20'
4	WORK AREA	1018366.7645	660101.5813	N41° 37' 38.54"	W73° 53' 07.95"	151.73	20'
5	WORK AREA	1018413.9438	660159.0998	N41° 37' 39.00"	W73° 53' 07.18"	152.14	20'
6	WORK AREA	1018466.7645	660117.2649	N41° 37' 39.52"	W73° 53' 07.73"	151.48	20'
7	WORK AREA	1018466.7645	659918.5432	N41° 37' 39.54"	W73° 53' 10.35"	150.10	20'
8	WORK AREA	1018608.7956	660091.3975	N41° 37' 40.93"	W73° 53' 08.06"	151.00	20'
9	WORK AREA	1018704.2440	660012.7818	N41° 37' 41.88"	W73° 53' 09.08"	151.00	20'

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White Plains, NY 10604

Revisions:

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PROJECT NO: 23000149.0019
CAD DWG FILE: 7460 Temp Constr. Equip-TWD TOFA..dwg
DRAWN BY: AG, ZJH
CHECKED BY: MJN

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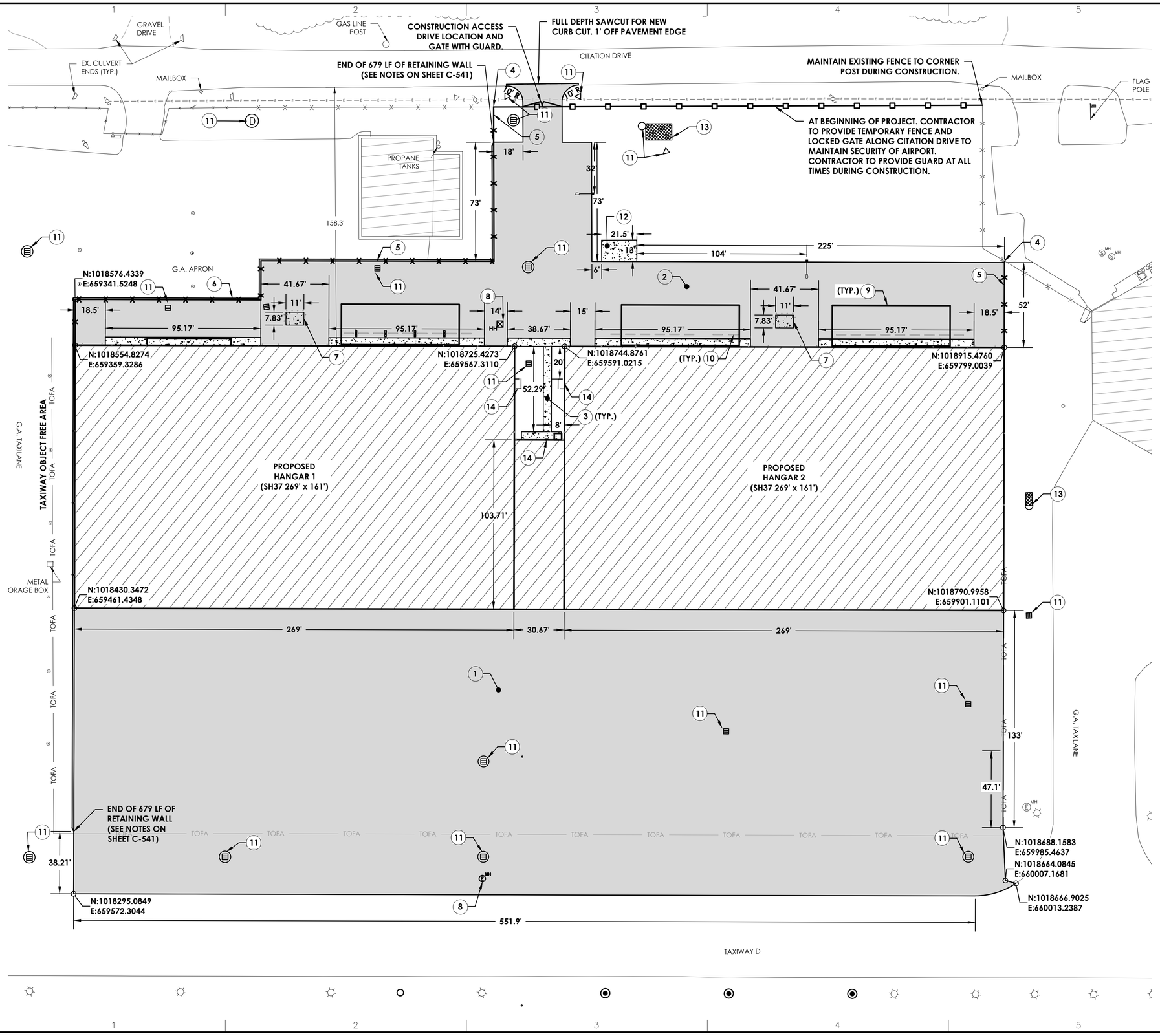
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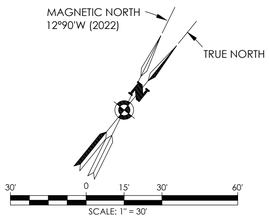
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C-033

April 2025

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KEYNOTES:

1. FULL DEPTH ASPHALT APRON CONSTRUCTION (NYSDOT) SEE TYPICAL SECTION 1 ON DRAWING C-501
2. FULL DEPTH ASPHALT PARKING LOT CONSTRUCTION (NYSDOT). SEE TYPICAL SECTION 4 ON DRAWING C-501
3. PROPOSED 5' WIDE SIDEWALK, SEE DETAIL 5 ON DRAWING C-501
4. PROVIDE CORNER POST AT CONNECTION POINT TO EXISTING FENCE
5. INSTALL 8' HIGH CHAIN LINK FENCE WITH BARBED WIRE, SEE DETAIL 1 ON DRAWING C-512
6. PROPOSED RETAINING WALL. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL BY CIVIL ENGINEER OF RECORD (E.O.R.) & ARCHITECT. SEE SHEET C-541 FOR ADDITIONAL RETAINING WALL NOTES.
7. 11' x 7' 10" CONCRETE TRANSFORMER PAD W/ BOLLARDS SPACED AS SHOWN. SEE E-SERIES SHEETS FOR PAD DETAILS. A-SERIES SHEETS FOR BOLLARD DETAILS.
8. PROPOSED ELECTRIC MANHOLE. SEE UTILITY SHEET C-121
9. PROPOSED CANOPY STRUCTURE. SEE ARCHITECTURAL PLANS
10. PROPOSED RUBBER WHEEL STOP WITH REBAR PINS INTO ASPHALT
11. PROPOSED STORM STRUCTURE. SEE UTILITY SHEET C-121.
12. O/W/S CONCRETE PAD. SEE DETAIL 51 ON SHEET C-501.
13. PROPOSED GREEN INFRASTRUCTURE. SEE C-550 SERIES SHEETS.
14. PROPOSED GAS METER, SEE UTILITY DRAWINGS.

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Revisions:

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PROJECT NO:	23000149.0019
CAD DWG FILE:	23000149.0019 C-101 Site Plan.dwg
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Sheet Title:

Site Plan

C-101

April 2025

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SEE STORM REMOVAL & REPLACEMENT VIEWS, SHEET C-122

GRAVEL DRIVE
GAS LINE POST
SW INV = 143.11
EX. 12" CMP STM. SWR.
MAILBOX
EX OUTLET
NW INV = 144.35
E INV = 142.2'
UTILITY POLE
VERHEAD WIRE (TYP.)
LIGHT POLE
ELECTRIC GATE
GATE CONTROL BOX
CHAIN-LINK FENCE GATE
EX. 12" Reinforced Concrete Pipe STM. SWR.
15 CITATION DRIVE
2 FULL DEPTH SAWCUT FOR NEW CURB CUT. 1' OFF PAVEMENT EDGE
299'
9 (TYP.)
CHAIN LINK FENCE WITH BARBED WIRE
UTILITY POLE W/ OVERHEAD WIRE (TYP.)
1
PROPANE TANKS
3 EX DMH 2
T.G. = 146.59
12" Reinforced Concrete Pipe, S INV = 134.40
12" Reinforced Concrete Pipe, N INV = 134.30
6" HDPE, S INV = 145.00
8" CMP, S INV = 134.60
EX. 12" Reinforced Concrete Pipe STM. SWR.
DUE TO PROXIMITY & DEPTH OF STORM PIPE TO EXISTING HANGAR, CONTRACTOR MAY OPTION TO CUT, FILL AND ABANDON IN PLACE A PORTION OF PIPE TO AVOID POTENTIAL UNDERCUTTING OF HANGAR. CONTRACTOR TO COORDINATE WITH ENGINEER OF RECORD FOR APPROVAL OF FILL METHOD, SCHEDULE AND LENGTH TO FILL.
LOCATION OF UTILITY PROVIDED BY OWNER. CONTRACTOR SHALL CONFIRM LOCATION AT CONSTRUCTION START
EX. 6" HDPE STM. SWR.
G.A. APRON
FULL DEPTH SAWCUT N:1018575.7997 E:659340.7516
FULL DEPTH SAWCUT N:1018687.2231 E:659476.5905
6 (TYP.)
1 WOOD STORAGE BOX
EX. 8" CMP STM. SWR.
3
1
1 CONCRETE PADS
EXISTING 7 LIGHT POLE W/ CAMERA
1
CONCRETE PADS
EXISTING 7 LIGHT POLE W/ CAMERA
EXISTING 1 ELECTRICAL MANHOLE
EXISTING 7 LIGHT POLE W/ CAMERA
1 METAL PLATES
G.A. TAXILANE
METAL ORAGE BOX
1 WOOD STORAGE BOX
3 EX DMH
T.G. = 147.88
NW INV = 137.10
S INV = 137.20
EX. 12" Reinforced Concrete Pipe STM. SWR.
EXISTING TIE-DOWN ANCHORS (TYP.)
EX. 12" Reinforced Concrete Pipe STM. SWR.
EXISTING GUIDANCE SIGN (REMOVE & SALVAGE TO AIRPORT)
RIP RAP 1
EX. 4" HDPE STM. SWR. 1
EX. 12" HDPE STM. SWR.
EXISTING EDGE LIGHT ON JUNCTION CAN 12
FULL DEPTH SAWCUT N:1018295.0849 E:659572.3044
10 EX. UNDERDRAIN CONNECTION
3 EX CB 2
T.G. = 148.32
NE INV = 143.50
SW INV = 143.40
N INV = 144.40
FULL DEPTH SAWCUT N:1018456.9370 E:659769.6264
8 UNDERDRAIN CLEANOUTS
3 EX. CB 3
T.G. = 148.12
NE INV = 141.99
N INV = 137.60
S INV = 137.80
EX. 12" Reinforced Concrete Pipe STM. SWR.
TAXIWAY EDGE LIGHT (TYP)
2 CABLES IN CONDUIT (TYP.)
14
5
13
EXISTING RGS CONDUIT (TO REMAIN)
EXISTING EDGE LIGHT ON JUNCTION CAN (TO REMAIN)
EX. DRAINAGE SWALE CENTERLINE
TAXIWAY D
(TYP.) 11
3 EX CB 1
RIM = 150.39
NE INV = 144.50
SW INV = 144.40
EX. 12" HDPE STM. SWR.
5
EXISTING TAXIWAY D NORTH CIRCUIT
EX. UNDERDRAIN CONNECTION
EXISTING EDGE LIGHT (TO REMAIN)
13
EXISTING TAXIWAY D SOUTH CIRCUIT
EX. DRAINAGE SWALE CENTERLINE
A/C UNITS
BOLLARDS
HEX HANGAR OUTLET
NE INV = 150.08
HANG
EX. 6" PVC STM. SWR
METAL POST W/SATELLITE DISH
1 BROKEN UP BLACKTOP

NOTES:

GENERAL DEMOLITION NOTES ARE SHOWN ON SHEET C-541.

EXISTING COUNTERPOISE, CONDUIT AND CABLE SHALL BE REMOVED WHERE EXISTING TAXIWAY EDGE LIGHTS AND BASES REMOVAL IS PROPOSED AND SHALL BE DISPOSED OF OFF SITE.

MAGNETIC NORTH 12°90'W (2022)
TRUE NORTH
30' 0 15' 30' 60'
SCALE: 1" = 30'

LEGEND

- REMOVE EXISTING LIGHTS AND SIGN AND SALVAGE TO OWNER. DISPOSE BASES OFF-SITE
- FULL DEPTH ASPHALT REMOVAL
- PIPE & CATCH BASIN REMOVAL REMOVAL
- BUILDING DEMOLITION
- FULL DEPTH SAWCUT
- REMOVE EXISTING TIE DOWN ANCHOR
- PAVEMENT TO BE RETURNED IN KIND (INCLUDE IN BID)
- EXISTING EDGE LIGHT, BASE AND TRANSFORMER TO BE REMOVED AND RELOCATED

KEYNOTES:

1. REMOVE AND DISPOSE OF OBJECT
2. DISCONNECT POWER TO "LIGHT POLE WITH CAMERA" FROM EXISTING UTILITY POLES
3. REMOVE EXISTING DRAINAGE STRUCTURE
4. TO REMAIN
5. SPLICE FOR TAXIWAY D NORTH CIRCUIT AT EXISTING TAXIWAY EDGE LIGHT AND ESTABLISH RECONNECTION OF TAXIWAY LIGHTING CIRCUIT
6. REMOVE AND DISPOSE OF EXISTING TIE DOWN ANCHORS
7. REMOVE EXISTING LIGHT POLE LAMPS AND SALVAGE TO OWNER. DISPOSE POLES & UNDERGROUND CONDUIT OFF-SITE.
8. REMOVE AND DISPOSE OF EXISTING UNDERDRAIN CLEANOUTS. EXPOSE AND CONNECT EXISTING UNDERDRAINS. SEE UTILITY PLAN SHEET C-121.
9. REMOVE AND DISPOSE OF ~299' OF EXISTING FENCE. CONTRACTOR TO INSTALL TEMPORARY GATE TO PROVIDE CONSTRUCTION ACCESS THROUGHOUT THE DURATION OF CONSTRUCTION
10. EXPOSE AND DISCONNECT EXISTING UNDERDRAIN FROM EXISTING 12" HDPE AND PREPARE EXISTING UNDERDRAIN FOR CONNECTION TO PROPOSED STORM PIPE. SEE UTILITY PLAN SHEET C-121.
11. EXISTING EDGE LIGHT FIXTURE, BASE AND TRANSFORMER TO BE RELOCATED, SEE PROPOSED LOCATION ON UTILITY PLAN SHEET C-121.
12. REMOVE EXISTING ELECTRICAL JUNCTION CAN AND REPLACE WITH PROPOSED ELECTRICAL MANHOLE, SEE UTILITY PLAN ON SHEET C-121.
13. SPLICE FOR TAXIWAY D SOUTH CIRCUIT AT EXISTING TAXIWAY EDGE LIGHT AND ESTABLISH RECONNECTION OF TAXIWAY LIGHTING CIRCUIT.
14. REMOVE EXISTING LIGHT FIXTURE, RECONNECT CIRCUIT AND REPLACE WITH BLANK COVER
15. OPEN CUT CITATION DRIVE FOR STORM PIPE REPLACEMENT. REPLACE ROAD SECTION IN KIND. NO OPEN EXCAVATION OVERNIGHT.

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Revisions:

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PROJECT NO:	23000149.0019
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CHECKED BY:	MJN

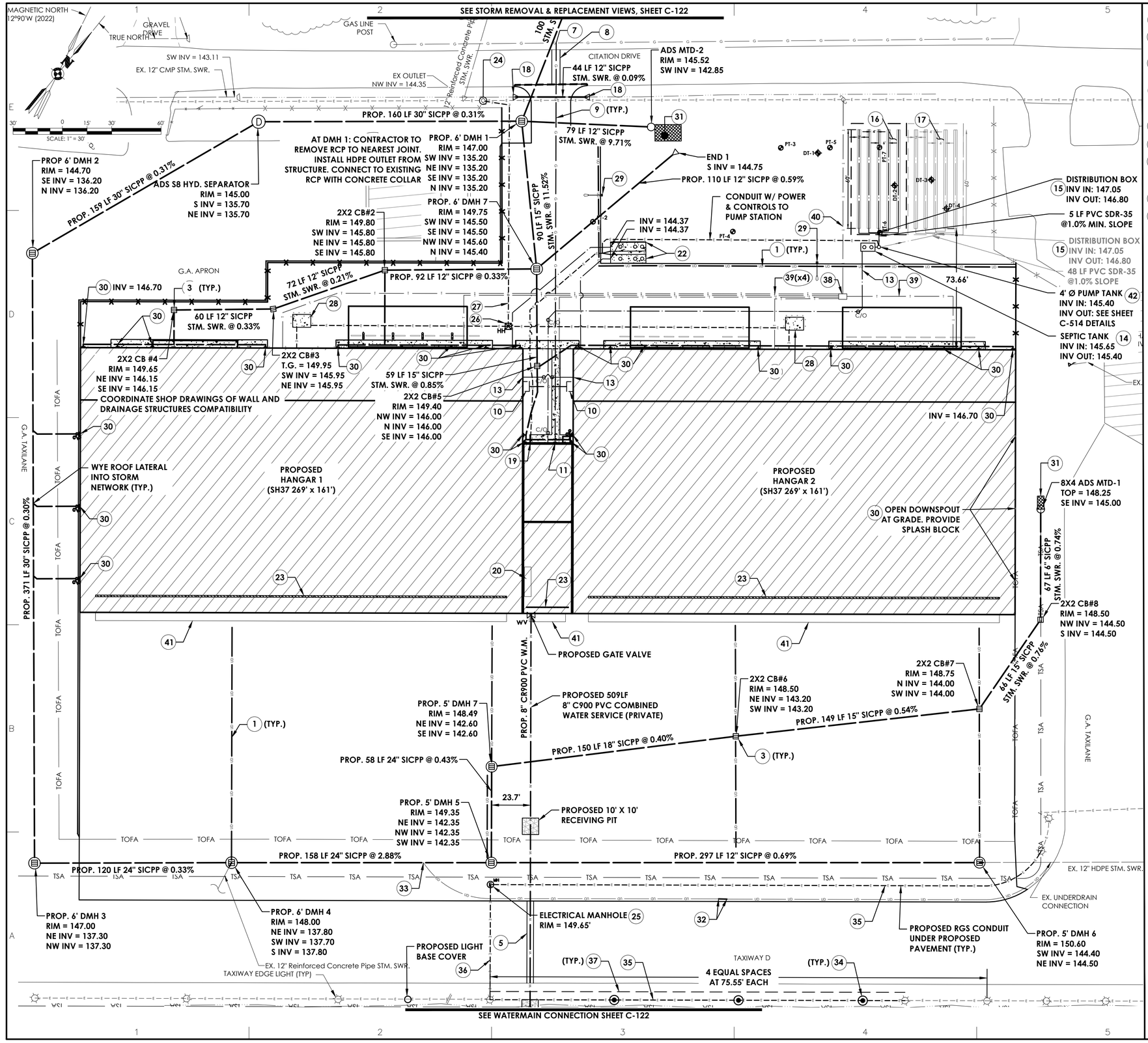
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Existing Conditions & Demo Plan

C-102

April 2025

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KEYNOTES:

1. 6 INCH UNDERDRAIN, SEE DETAIL 2 ON DRAWING C-501
2. CONNECT NEW DRAINAGE PIPE TO DRAINAGE STRUCTURE, SEE DETAIL 7 ON DRAWING C-501
3. PROPOSED 24 INCH SQUARE CATCH BASIN, SEE DETAIL 6 ON DRAWING C-501
4. CONNECT TO EXISTING WATER VALVE WITH PROPOSED WATER SERVICE LINE AND CONNECTION TO HANGAR. COORDINATE WITH UTILITY COMPANY FOR PROPOSED SERVICE. SEE SHEET C-122
5. DIRECTIONAL DRILL FOR PROPOSED WATER LINE
6. 8 INCH C900 PVC WATER LINE, SEE DETAIL 2 ON DRAWING C-511
7. CONNECT TO EXISTING GAS MAIN WITH PROPOSED GAS SERVICE LINE AND CONNECTION TO HANGAR, SEE MEP DRAWINGS. COORDINATE WITH UTILITY COMPANY FOR PROPOSED SERVICE.
8. OPEN CUT AND REPAIR ASPHALT
9. GAS LINE, SEE DETAIL 4 ON DRAWING C-512.
10. LOCATION OF GAS METER FOR HANGAR 1 AND HANGAR 2. COORDINATE WITH UTILITY PROVIDER.
11. LOCATION OF GAS METER FOR GSE BUILDING. COORDINATE WITH UTILITY.
12. 12 INCH SICPP STORM PIPE, SEE DETAIL 8 ON DRAWING C-501
13. 8 INCH Ø PVC SDR-35 SANITARY SEWER @ 0.50%, SEE DETAIL 3 ON DRAWING C-512
14. 1,000-GALLON SEPTIC TANK, SEE DETAIL 1 ON DRAWING C-513.
15. DISTRIBUTION BOX, SEE DETAIL 3 ON DRAWING C-513.
16. SANITARY SUBSURFACE DISPOSAL SYSTEM . SEE SHEET C-513.
17. SANITARY SUBSURFACE DISPOSAL SYSTEM FUTURE EXPANSION/REPLACEMENT AREA. NOT IN CONTRACT.
18. MATCH INVERTS TO EXISTING SWALE.
19. BANK OF 4 ELECTRIC CONDUITS. 1 FEED INTO GSE. 1 FEED OUT TO O/W SEPARATORS FLUID LEVEL ALARMS. 1 FEED WITH POWER OUT TO DOSING CHAMBER & RELAY CONTROLS. O/W SEPARATOR CONTROL PANELS & PUMP STATION CONTROL PANEL INSTALLED INSIDE GSE.
20. PROPOSED BACKFLOW PREVENTION DEVICE WITHIN BUILDING SEE PLUMBING PLANS.
21. INSTALLATION OF THRUST BLOCKS, SEE DETAIL 6 AND 7 ON SHEET C-511.
22. 3000 GALLON OIL/WATER/SEPARATOR WITH VENTED COVERS. SEE DETAIL 7 ON SHEET C-521. NOTE: NOT PART OF DCDOH APPROVAL.
23. TRENCH DRAINS.
24. CONNECT TO EXISTING ELECTRICAL WITH PROPOSED ELECTRIC SERVICE LINE AND CONNECTION TO HANGAR, SEE MEP DRAWINGS. COORDINATE WITH UTILITY COMPANY FOR PROPOSED SERVICE.
25. 24" DIAMETER ELECTRICAL MANHOLE LOAD RATED, SEE DETAIL 3 ON DWG C-515.
26. 24" DIAMETER ELECTRICAL MANHOLE LOAD RATED, SEE DETAIL 3 ON DWG C-515 3 INLET FEEDS. 1 FEED TO HANGAR 1 TRANSFORMER. 1 FEED TO HANGAR 2 TRANSFORMER. 1 FEED TO GSE.
27. BANK OF ELECTRIC FEEDS. COORDINATE WITH UTILITY PROVIDER.
28. PAD MOUNTED TRANSFORMER AND BOLLARDS, REFER TO E-SERIES SHEETS FOR TRANSFORMER PAD. A-SERIES FOR BOLLARD DETAILS.
29. LIGHT POLE SEE DETAIL 5 ON SHEET C-515. SEE MECHANICAL PLANS FOR POWER AND CABLE TRENCHING REQUIREMENTS.
30. ROOF DOWNSPOUTS WITH UNDERGROUND DRAINAGE LATERAL. SEE DETAIL 10 ON SHEET C-501.
31. INFILTRATION BASIN GREEN INFRASTRUCTURE, SEE C-550 SERIES SHEETS.
32. CONNECT EXISTING UNDERDRAIN PIPE TO PROPOSED UNDERDRAIN.
33. CONNECT EXISTING 6" UNDERDRAIN TO PROPOSED 12" STORM PIPE. SEE DETAIL 9 ON SHEET C-501.
34. PROPOSED RELOCATED LED TAXIWAY EDGE LIGHT, CONCRETE BASE, AND TRANSFORMER. SEE DETAIL 1 ON DWG C-515.
35. PROPOSED 1/C, #8 AWG, 5KV, L-824, TYPE "C" CABLE IN NEW 2" PVC ELECTRICAL CONDUIT IN TURF AND IN NEW 2" RGS CONDUIT UNDER PAVEMENT. SEE DETAILS 2 AND 4 ON DWG C-515.
36. PROPOSED CABLE TO BE FED THROUGH EXISTING RGS CONDUIT.
37. PROPOSED #6 AWG COUNTERPOISE, SEE DETAIL 4 ON DWG C-515.
38. 28"x50"x41" IT DISTRIBUTION HANDHOLE. SEE IT SERIES SHEETS.
39. 2" CONDUIT WITH (1) 3-CELL MAXCELL FABRIC INNERDUCT. SEE IT-SERIES FOR DESTINATION.
40. (1) 4" U/G CONDUIT WITH (2) 4-CELL MAXCELL FABRIC INNERDUCTS TO UTILITY POLE. SEE IT SERIES SHEETS.
41. ALTERNATE 1 SNOW MELT SYSTEM, SEE SHEETS E-102 AND A-312 FOR ADDITIONAL INFORMATION REGARDING THE BASE BID AND ALTERNATE 1 SNOW MELT SYSTEMS.
42. 4' Ø SEPTIC PUMP TANK. PROVIDE VENT. SEE SHEET C-514 FOR DETAILS.

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Designed by: LDS, ZJH

Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:

STATE OF NEW YORK
MATTHEW JAMES NISSEN
104260
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Site:

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Client:

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White Plains, NY 10604

Revisions:

MARK	DATE	DESCRIPTION

PROJECT NO:	23000149.0019
CAD DWG FILE:	23000149.0019 C-121 Utility Plan.dwg
DRAWN BY:	AG, ZJH
CHECKED BY:	MJN

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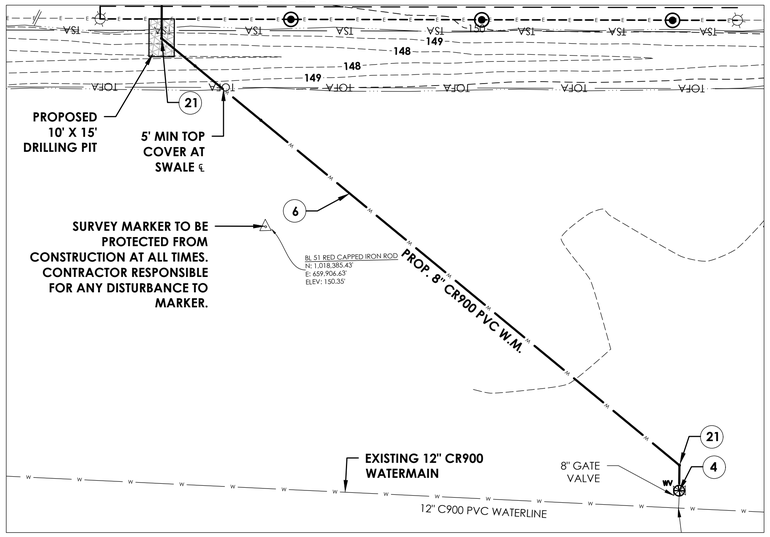
Sheet Title:

Utility Plan

C-121

April 2025

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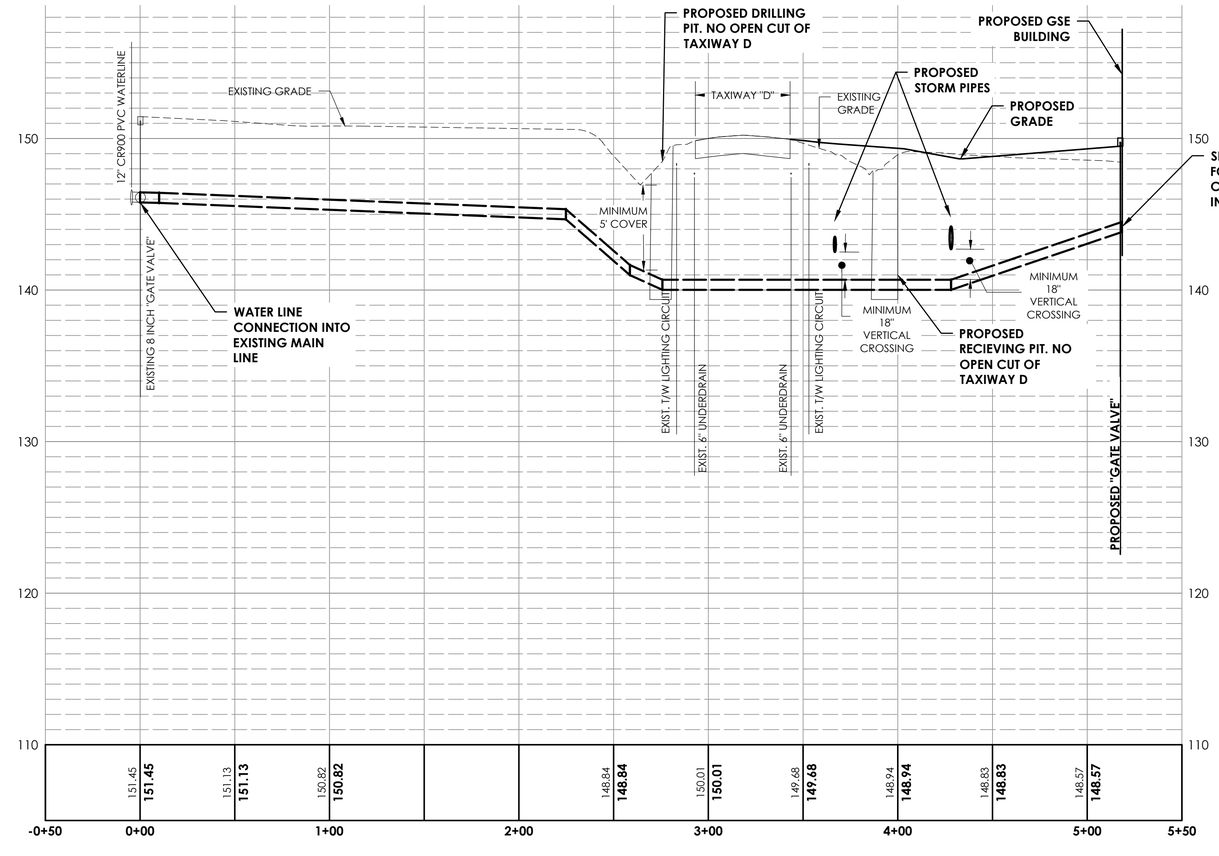
1 WATERMAIN CONNECTION
SCALE: 1" = 30'

WATERMAIN KEYNOTES:

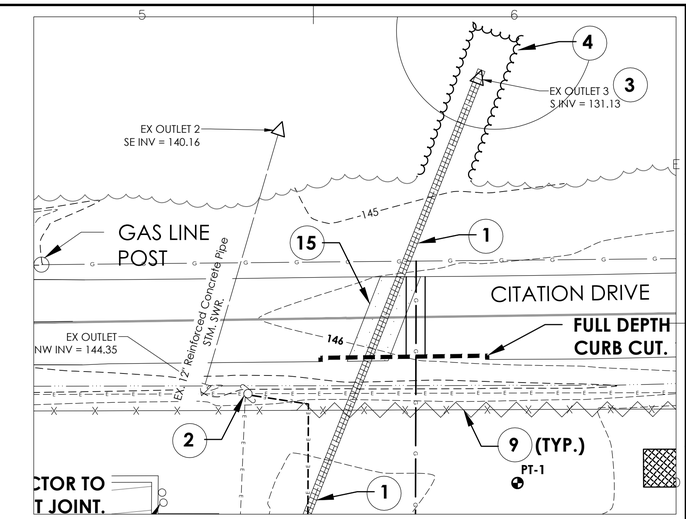
4 CONNECT TO EXISTING WATER VALVE WITH PROPOSED WATER SERVICE LINE AND CONNECTION TO HANGAR. COORDINATE WITH UTILITY COMPANY FOR PROPOSED SERVICE.

6 8 INCH C900 PVC WATER LINE, SEE DETAIL 2 ON DRAWING C-511

21 INSTALLATION OF THRUST BLOCKS, SEE DETAIL 6 AND 7 ON SHEET C-511



PROPOSED WATER MAIN EXTENSION PROFILE
SCALE: HORIZONTAL - 1" = 40'
VERTICAL - 1" = 5'



STORM LINE KEYNOTES:

2 STORM LINE REMOVAL
SCALE: 1" = 20'

1 REMOVE AND DISPOSE OF OBJECT

2 DISCONNECT POWER TO "LIGHT POLE WITH CAMERA" FROM EXISTING UTILITY POLE

3 REMOVE EXISTING DRAINAGE STRUCTURE

4 LIMITS OF VEGETATION REMOVAL

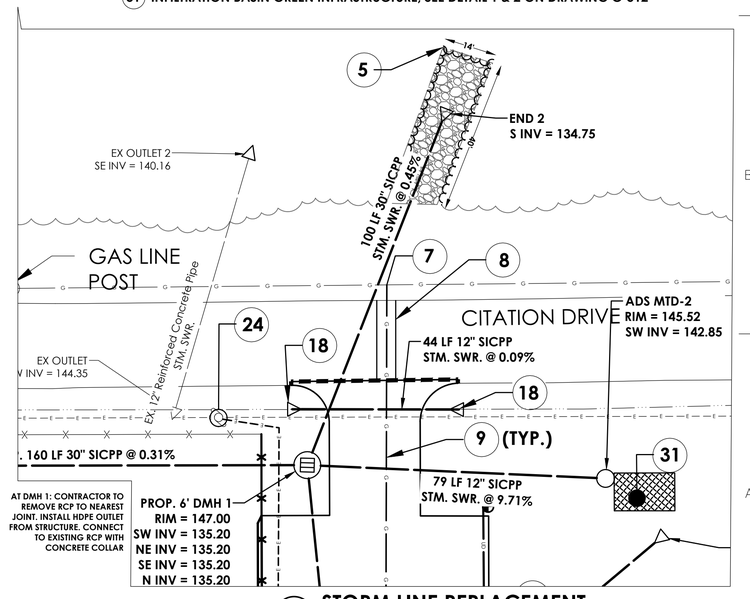
5 PROVIDE STONE RIP RAP AND GEOTEXTILE FABRIC ALONG HILLSIDE WITHIN EXTENTS OF VEGETATION REMOVAL. SEE DETAIL #9 ON SHEET C-531.

9 REMOVE AND DISPOSE OF ~299' OF EXISTING FENCE. CONTRACTOR TO INSTALL TEMPORARY GATE TO PROVIDE CONSTRUCTION ACCESS UNTIL AIR-SIDE IS SECURED BY INSTALLATION OF NEW FENCE AND HANGARS.

15 OPEN CUT CITATION DRIVE FOR STORM PIPE REPLACEMENT. FULL DEPTH SAWCUT PAVEMENT AND REPLACE ROAD SECTION IN KIND. NO OPEN EXCAVATION OVERNIGHT. UPON PAVEMENT RESTORATION, JOINTS SHALL BE HOT SEALED WITH ASPHALT SEALING MATERIAL ITEM 418.7603 OR APPROVED EQUAL.

24 CONNECT TO EXISTING ELECTRICAL WITH PROPOSED ELECTRIC SERVICE LINE AND CONNECTION TO HANGAR, SEE MEP DRAWINGS. COORDINATE WITH UTILITY COMPANY FOR PROPOSED SERVICE.

31 INFILTRATION BASIN GREEN INFRASTRUCTURE, SEE DETAIL 1 & 2 ON DRAWING C-512



3 STORM LINE REPLACEMENT
SCALE: 1" = 20'

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Designed by: LDS, ZJH

Project:
SKY HARBOUR HANGAR DEVELOPMENT

Stamp:
STATE OF NEW YORK · MATTHEW JAMES NISSEN · 104260 · LICENSED PROFESSIONAL ENGINEER

Site:
Hudson Valley Regional Airport
263 New Hackensack Rd.
Wappingers Falls, NY 12590

Client:
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136 Tower Rd., Suite 205
White Plains, NY 10604

Revisions:

MARK	DATE	DESCRIPTION

PROJECT NO:	23000149.0019
CAD DWG FILE:	23000149.0019 C-121 Utility Plan.dwg
DRAWN BY:	AG, ZJH
CHECKED BY:	MJN

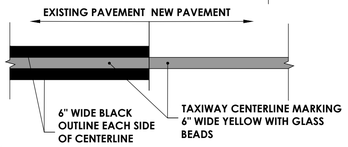
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Sheet Title:
Water Main Profile & Storm Replacement

C-122

April 2025

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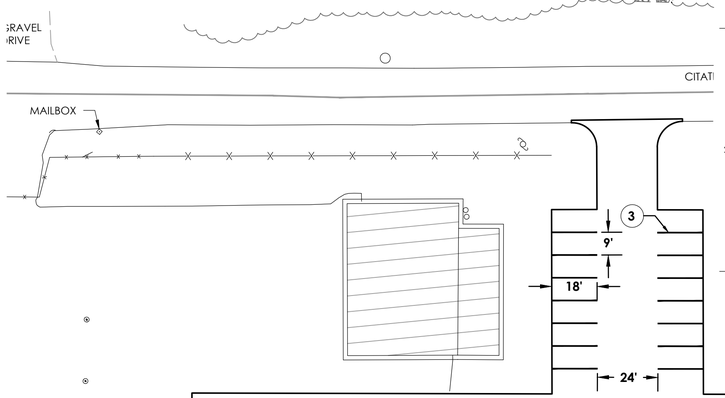


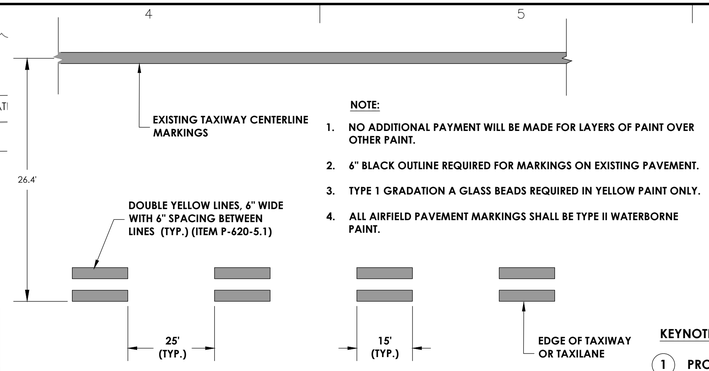
NOTES:

1. NO ADDITIONAL PAYMENT WILL BE MADE FOR LAYERS OF PAINT OVER OTHER PAINT.
2. 6" BLACK OUTLINE REQUIRED FOR MARKINGS ON EXISTING PAVEMENT.
3. TYPE 1 GRADATION A GLASS BEADS REQUIRED IN YELLOW PAINT ONLY.
4. ALL AIRFIELD PAVEMENT MARKINGS SHALL BE TYPE II WATERBORNE PAINT.

1 TAXIWAY CENTERLINE STRIPING DETAIL

SCALE: NTS



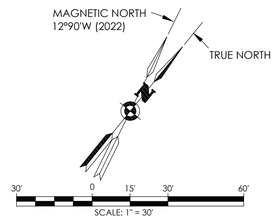


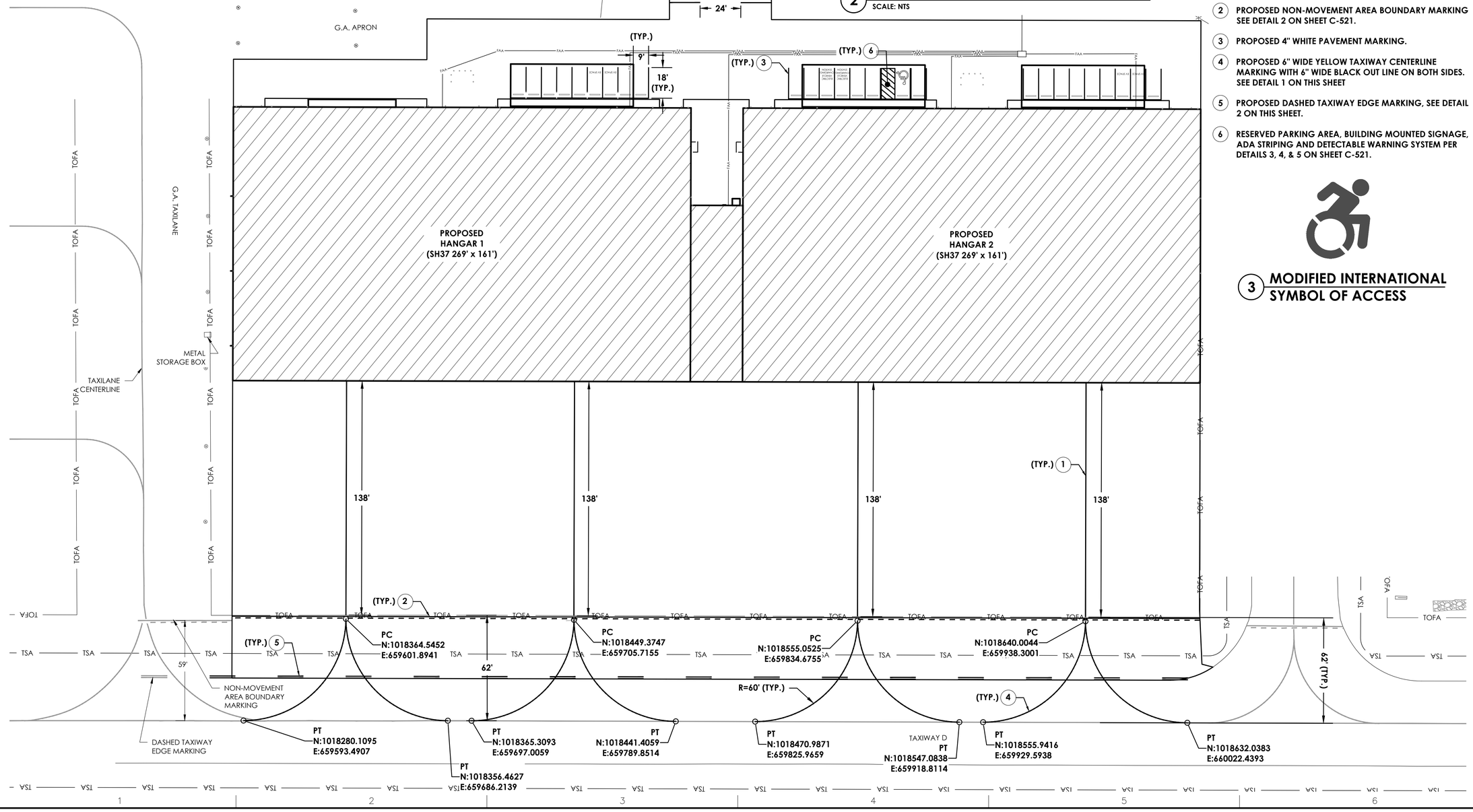
NOTE:

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2. 6" BLACK OUTLINE REQUIRED FOR MARKINGS ON EXISTING PAVEMENT.
3. TYPE 1 GRADATION A GLASS BEADS REQUIRED IN YELLOW PAINT ONLY.
4. ALL AIRFIELD PAVEMENT MARKINGS SHALL BE TYPE II WATERBORNE PAINT.

2 DASHED TAXIWAY EDGE STRIPING DETAIL

SCALE: NTS





KEYNOTES:

1. PROPOSED 6" WIDE YELLOW TAXIWAY CENTERLINE MARKING, SEE DETAIL 1 ON THIS SHEET.
2. PROPOSED NON-MOVEMENT AREA BOUNDARY MARKING SEE DETAIL 2 ON SHEET C-521.
3. PROPOSED 4" WHITE PAVEMENT MARKING.
4. PROPOSED 6" WIDE YELLOW TAXIWAY CENTERLINE MARKING WITH 6" WIDE BLACK OUT LINE ON BOTH SIDES. SEE DETAIL 1 ON THIS SHEET
5. PROPOSED DASHED TAXIWAY EDGE MARKING, SEE DETAIL 2 ON THIS SHEET.
6. RESERVED PARKING AREA, BUILDING MOUNTED SIGNAGE, ADA STRIPING AND DETECTABLE WARNING SYSTEM PER DETAILS 3, 4, & 5 ON SHEET C-521.

3 MODIFIED INTERNATIONAL SYMBOL OF ACCESS

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Designed by: LDS, ZJH

Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:

STATE OF NEW YORK · MATTHEW JAMES NISSEN · 104260 · LICENSED PROFESSIONAL ENGINEER

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Wappingers Falls, NY 12590

Client:

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Revisions:

MARK	DATE	DESCRIPTION

PROJECT NO:	23000149.0019
CAD DWG FILE:	23000149.0019 C-161 Marking Plan.dwg
DRAWN BY:	AG, ZJH
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Sheet Title:

Marking Plan

C-161

April 2025

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MAGNETIC NORTH
12°90'W (2022)

TRUE NORTH

30' 0 15' 30' 60'
SCALE: 1" = 30'

KEYNOTES:

1. EXISTING GRADE CONTOURS
2. PROPOSED GRADE CONTOURS
3. TOP OF RETAINING WALL GRADE REMAINS THE SAME. WALL EXPOSURE INCREASES ON PROPOSED PAVEMENT SIDE FOR DRAINAGE INTO STRUCTURES
4. PROPOSED SWALE ℄
5. 10' RIP RAP STONE WEIR. ELEV = 146.00
6. RIP RAP LINED SEDIMENT BASIN. BOTTOM OF BASIN = 143.75
7. O/W/S #1 RIMS = 148.87
   O/W/S #2 RIMS = 148.97
8. SEPTIC TANK & PUMP STATION RIMS = 148.85
9. DIST TANKS 1' MAX BELOW GRADE. TOP OF BOX = 147.70. GRADE = 148.70
10. TEMPORARY SEDIMENT RIP RAP CHECK DAM PER DETAIL.
11. EROSION CONTROL SILT SOCK (SS) / SILT FENCE (SF)
12. SEDIMENT CONTROL AT DRAINAGE STRUCTURES (TYP.)

SSDS AREA - DO NOT OPERATE EQUIPMENT OR STORE EQUIPMENT IN THIS AREA

-1.00% OVER SSDS

-1.00% OVER SSDS

ADS MTD-2
RIM = 145.52

PROP. 6' DMH 1
RIM = 147.00
TW: 149.00'
BW (EX): 147.08'
BW (NEW): 147.80

PROP. 6' DMH 2
RIM = 144.70

ADS S8 HYD. SEPARATOR
RIM = 145.00

PROP. 6' DMH 7
RIM = 149.75
TW: 151.00'
BW (EX): 146.98'
BW (NEW): 149.98'

TW: 151.00'
BW (EX): 145.94'
BW (NEW): 149.99'

TW: 151.00'
BW (EX): 146.15'
BW (NEW): 149.99'

TW: 150.00'
BW (EX): 146.82'
BW (NEW): 149.00

H.P. 147.32

END 1
S INV = 144.75

2X2 CB#2
RIM = 149.80

2X2 CB #4
RIM = 149.65

2X2 CB#3
RIM = 149.95

2X2 CB#5
RIM = 149.40

PROPOSED HANGAR 1 OFFICES
F.F.E. = 150.10

PROPOSED HANGAR 2 OFFICES
F.F.E. = 150.10

PROPOSED HANGAR 1
F.F.E. = 149.5 @ OVERHEAD DOOR

PROPOSED GSE
F.F.E. = 150.10

PROPOSED GSE
F.F.E. = 149.5 @ DOOR

PROPOSED HANGAR 2
F.F.E. = 149.5 @ HANGAR DOOR

TW: 151.00'
BW (EX): 145.11'
BW (NEW): 149.81

TW: 151.00'
BW (EX): 145.30'
BW: (NEW): 150.10

TW: 150.50'
BW (EX): 146.53'
BW (NEW): 149.50'

TW: 150.00'
BW (EX): 146.86'
BW (NEW): 149.00'

TW: 149.5
BW (EX): 147.13'
BW (NEW): 148.50'

TW: 149.00'
BW (EX): 147.29'
BW (NEW): 148.00'

TW: 148.5'
BW (EX): 147.38'
BW (NEW): 147.39'

PROP. 6' DMH 3
RIM = 147.00

PROP. 6' DMH 4
RIM = 148.00

PROP. 5' DMH 5
RIM = 149.35

PROP. 5' DMH 7
RIM = 148.49

148.30
REV. CROWN

148.40
REV. CROWN

148.60
REV. CROWN

2X2 CB#6
RIM = 148.50

2X2 CB#7
RIM = 148.75

148.70
REV. CROWN

PROP. 5' DMH 6
RIM = 150.60

ELECTRICAL MANHOLE
RIM = 149.65'

8X4 ADS MTD-1
RIM = 148.25

2X2 CB#8
RIM = 148.50

HEX HANGAR OUTLET
NE INV = 150.08

HANGAR

EX. 6" PVC STM. SWR.

RESET PIPE OUTLET TO DOWNSPOUT, CUT BACK AS NEEDED

NE INV = 142.2'

SW INV = 143.11

EX. 12" CMP STM. SWR.

EX OUTLET
NW INV = 144.35

12" Reinforced Concrete STM. SWR.

CITATION DRIVE

G.A. APRON

G.A. TAXILANE

RIDGELINE

EX. 12" HDPE STM. SWR.

EX. 4" HDPE STM. SWR.

EX. 12" Reinforced Concrete Pipe STM. SWR.

EX. DRAINAGE SWALE CENTERLINE

EX. DRAINAGE SWALE CENTERLINE

TAXIWAY D

MATCH EXISTING PAVING ELEVATION AT INTERFACE OF NEW/EXISTING PAVING

BLANK BLANK

39.89'

Y:\Projects-New\2003\23000149\23000149.0019\01_CAD--BIM--Models\Airport\23000149.0019 C-201 Grading Plan.dwg Apr 29, 2025 - 10:44am

PASSERO
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Principal-in-Charge: Andrew Holesko
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Project:

SKY HARBOUR HANGAR DEVELOPMENT

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STATE OF NEW YORK
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Revisions:

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CHECKED BY:	MJN

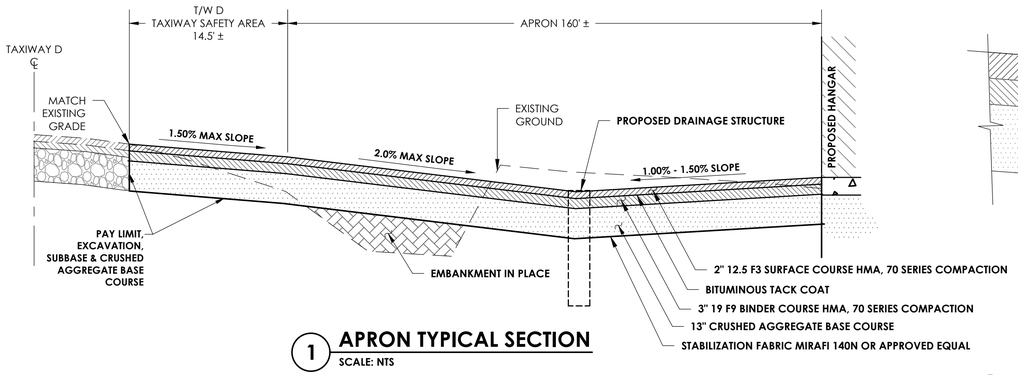
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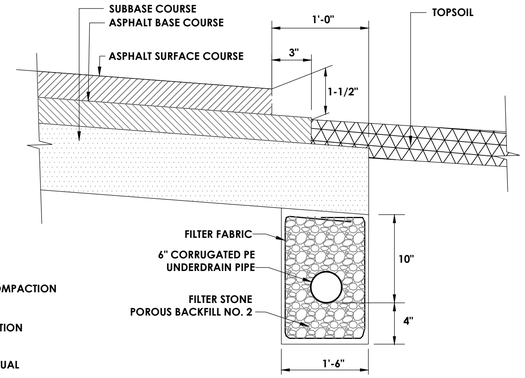
Grading and Erosion Control Plan

C-201

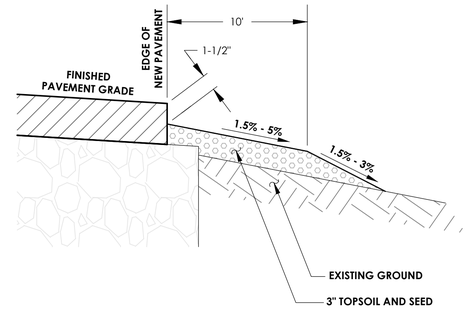
April 2025



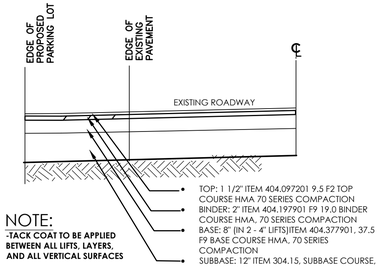
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SCALE: NTS



2 PAVEMENT EDGE AND UNDERDRAIN DETAIL
SCALE: NTS

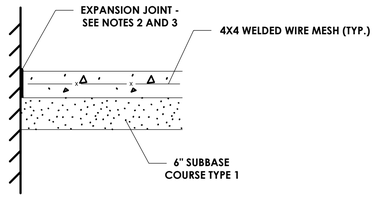


3 TOPSOIL EDGE SECTION
SCALE: NTS



NOTE:
-TACK COAT TO BE APPLIED BETWEEN ALL LIFTS, LAYERS, AND ALL VERTICAL SURFACES

4 PARKING LOT/ DRIVEWAY SECTION
SCALE: NTS



ADJACENT TO
WALL OR BUILDING

NOTES:

1. MAXIMUM CROSS-SLOPE OF CONCRETE SIDEWALK IS 1:50.
2. PROVIDE 0.5 INCH WIDE EXPANSION JOINT BETWEEN NEW CONCRETE CONSTRUCTION AND BACK EDGE CURB, CONCRETE GUTTER, OTHER PAVED AREAS, BUILDINGS, WALLS, POLE BASES AND OTHER STRUCTURES /APPURTENANCES.
3. FOR EXPANSION JOINT USE 0.5 INCH WIDE PREMOULDED EXPANSION JOINT MATERIAL, SEALED WITH 0.5 INCH WIDE CAULKING SEALANT 1 INCH DEEP.

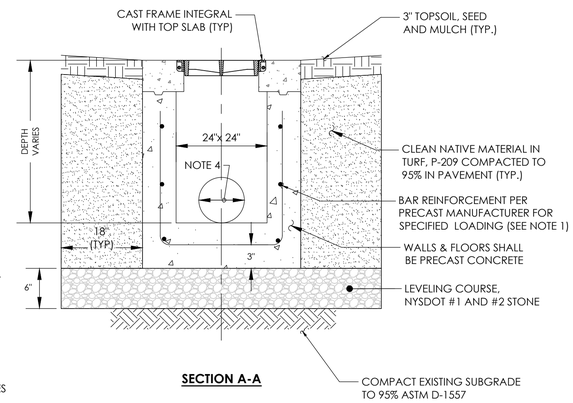
5 CONCRETE SIDEWALK SECTION
SCALE: NTS



PLAN

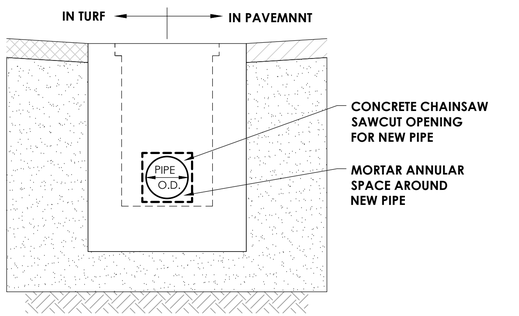
NOTES:

1. PRECAST CATCH BASINS AND FRAMES AND GRATES SHALL BE DESIGNED FOR ~100,000 LB DUAL WHEEL GEAR AIRCRAFT LOADING.
2. GRATE SHALL BE BOLTED CLOSED WITH STAINLESS STEEL FASTNERS.
3. APPLY BITUMINOUS COATING INSIDE AND OUT.
4. PROVIDE ADEQUATE KNOCKOUTS FOR SPECIFIED PIPE SIZES AND TYPE SUCH THAT PIPE CAN BE INSTALLED AT INVERT ELEVATIONS GIVEN IN THE DRAWINGS. SEAL PIPE CONNECTIONS AT KNOCKOUTS WITH MORTAR.

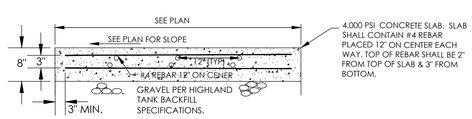


SECTION A-A

6 TYPICAL CATCH BASIN
SCALE: NTS

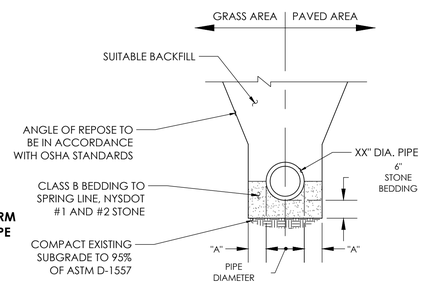


7 CONNECT NEW PIPE TO EXISTING STRUCTURE
SCALE: NTS



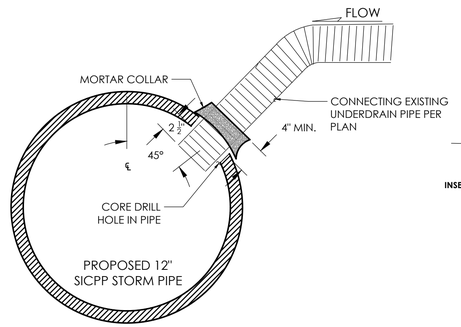
1. EACH LIFT TO BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY PER ASTM D-1557.

5A O/W/S CONCRETE PAD SECTION
SCALE: NTS

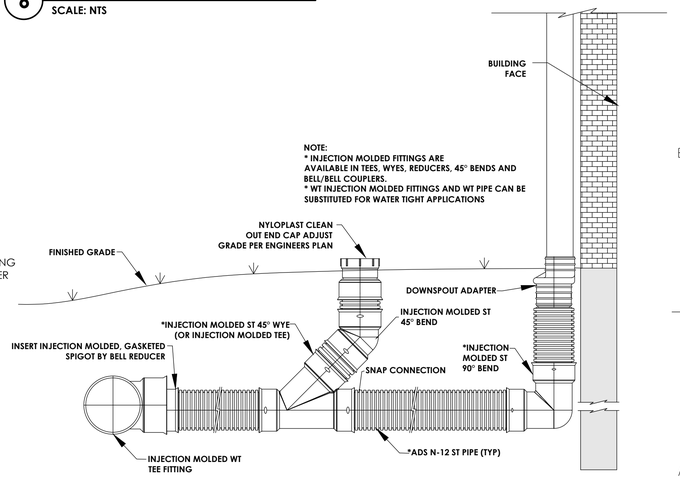


PIPE DIAMETER	"A"
UP TO 18"	12"
21" AND UP	18"

8 TYPICAL PIPE TRENCHING
SCALE: NTS



9 CONNECT EXISTING UNDERDRAIN TO PIPE
SCALE: NTS



10 ROOF DRAIN DETAIL WITH CLEANOUT
SCALE: NTS

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Principal-in-Charge Andrew Holesko
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Designed by LDS, ZJH

Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:



Site:

Hudson Valley Regional Airport
263 New Hackensack Rd.
Wappingers Falls, NY 12590

Client:

Sky Harbour LLC
136 Tower Rd., Suite 205
White Plains, NY 10604

Revisions:

MARK	DATE	DESCRIPTION

PROJECT NO:	23000149.0019
CAD DWG FILE:	23000149.0019 Details.dwg
DRAWN BY:	AG, ZJH
CHECKED BY:	MJN

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Sheet Title:

Pavement Sections & Details

C-501

April 2025

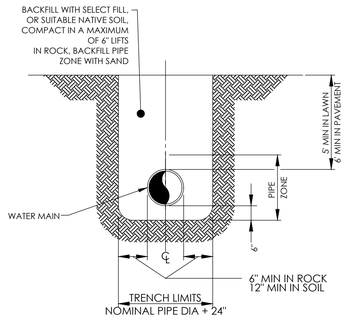
I:\Projects-New\2023\23000149\23000149.0019\01_CAD-BIM-Models\Airport\23000149.0019 Details.dwg Apr 29, 2025 - 10:45am

STANDARD NOTES FOR COMMERCIAL PROJECTS

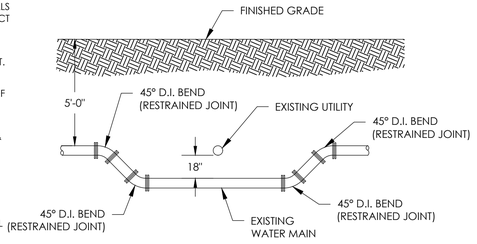
THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:

1. "RECOMMENDED STANDARDS FOR WATER WORKS (TEN STATES)"
2. "NEW YORK STATE DEPARTMENT OF HEALTH AND DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION POLICIES, PROCEDURES AND STANDARDS."
3. "DUTCHESS COUNTY AND NEW YORK STATE SANITARY CODES."
4. "DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION CERTIFICATE OF APPROVAL LETTER."
5. THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF WATER SUPPLY FACILITIES.
6. UPON COMPLETION OF THE FACILITIES, THE FINISHED WORKS SHALL BE INSPECTED, TESTED, AND CERTIFIED COMPLETE TO THE DC EHSD BY THE NEW YORK STATE REGISTERED DESIGN PROFESSIONAL SUPERVISING CONSTRUCTION. NO PART OF THE FACILITIES SHALL BE PLACED INTO SERVICE UNTIL ACCEPTED BY THE DC EHSD.
7. APPROVAL OF ANY PLAN(S) OR AMENDMENT THERETO SHALL BE VALID FOR A PERIOD OF 5 YEARS FROM THE DATE OF APPROVAL. FOLLOWING THE EXPIRATION OF SAID APPROVAL, THE PLAN(S) SHALL BE RE-SUBMITTED TO THE COMMISSIONER OF HEALTH FOR CONSIDERATION FOR RE-APPROVAL. RE-SUBMISSION OR REVISED SUBMISSION OF PLANS AND/OR ASSOCIATED DOCUMENTS SHALL BE SUBJECT TO COMPLIANCE WITH THE TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES IN EFFECT AT THE TIME OF THE RE-SUBMISSION.
8. ALL ONSITE WASTEWATER TREATMENT SYSTEM EXISTING OR APPROVED WITHIN 300 FEET OF THE PROPOSED WELLS ARE SHOWN ON THIS PLAN ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE WELL.
9. ALL PROPOSED WELLS AND SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR INSTALLATION AND PLACEMENT.
10. NO CELLAR, FOOTING, FLOOR, GARAGE, COOLER OR ROOF DRAINS SHALL BE DISCHARGED WITHIN 50 FEET OF ANY WELL.
11. ALL REQUIRED EROSION & SEDIMENT CONTROL AND STORMWATER POLLUTION PREVENTION WATER QUALITY & QUANTITY CONTROL STRUCTURES, PERMANENT AND TEMPORARY, ARE SHOWN ON THE PLANS.
12. ALL SERVICE LINES ARE THE RESPONSIBILITY OF THE OWNER UP TO THE PROPERTY LINE. THE WATER COMPANY SHALL BE RESPONSIBLE FOR ALL VALVES AND PIPES WHICH ARE NOT ON THE OWNER'S PROPERTY.
13. NO BUILDINGS ARE TO BE OCCUPIED AND THE NEW WATER SYSTEM SHALL NOT BE PLACED INTO SERVICE, UNTIL A "COMPLETED WORKS APPROVAL" IS ISSUED UNDER SECTION 5-1.22(D) OF PART 5 OF THE NEW YORK STATE SANITARY CODE (10NYCRR5).
14. ALL WATER SYSTEM CONSTRUCTION SHALL CONFORM TO THE CURRENT STANDARD AND GENERAL SPECIFICATIONS OF THE AGENCIES HAVING JURISDICTION OF THE WATER SUPPLY SYSTEM AND CONSTRUCTION AREA. THE CONTRACTOR IS RESPONSIBLE TO COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES. THE CONTRACTOR IS TO NOTIFY THE DESIGNER IMMEDIATELY IF CONTRACT DOCUMENTS CONFLICT WITH ANY SUCH CODES.
15. PROPOSED WATER MAIN IS TO BE INSTALLED AT MINIMUM DEPTH OF 5.0 FEET UNLESS OTHERWISE DIRECTED BY THE DESIGNER. WATER MAIN SHALL BE INSTALLED WITH MINIMUM 18 INCHES OF VERTICAL SEPARATION FROM ANY EXISTING OR PROPOSED UTILITY. WATER MAINS SHALL CROSS SEWER MAINS AT HIGHER ELEVATION THAN THE SEWER MAIN UNLESS OTHERWISE DIRECTED BY THE ENGINEER. CROSSINGS SHALL BE ARRANGED SO THAT WATER MAIN JOINTS ARE AS FAR AS POSSIBLE FROM THE SEWER MAIN JOINTS. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.
16. CONNECTION TO EXISTING WATER MAIN SHALL BE MADE ONLY AFTER HYDROSTATIC AND BACTERIOLOGICAL TESTS HAVE BEEN SUCCESSFULLY COMPLETED AND REVIEWED BY THE ENGINEER AND THE DUTCHESS COUNTY EHSD. TESTING SHALL BE RESPONSIBILITY OF THE CONTRACTOR.
17. ALL SURFACE STRUCTURES, SUCH AS HYDRANTS, VALVE PITS AND CURB BOXES SHALL BE SET TO GRADE AS INDICATED ON THE PLANS UNLESS OTHERWISE DIRECTED BY ENGINEER. SEE TECHNICAL SPECIFICATION X-XXX FOR ADDITIONAL INFORMATION.
18. ALL FITTINGS SHALL CONFORM TO TECHNICAL SPECIFICATION X-XXX UNLESS OTHERWISE DIRECTED BY ENGINEER.
19. ALL PITS SHALL CONFORM TO TECHNICAL SPECIFICATION X-XXX UNLESS OTHERWISE DIRECTED BY ENGINEER
20. RESULTS OF ALL TESTING SHALL BE SUBMITTED TO THE DUTCHESS COUNTY DEPARTMENT OF COMMUNITY AND BEHAVIORAL HEALTH AS PART OR PE CERTIFICATION.
21. ALL EXISTING AND PROPOSED BUILDING SHALL BE EVALUATED FOR THE NEED FOR BACKFLOW PREVENTION PRIOR TO CONNECTION TO THE PROPOSED WATER MAIN.
22. ALL DIRT AND FOREIGN MATTER SHALL BE REMOVED BY A THOROUGH FLUSHING OF THE NEWLY LAID PIPELINE. THE LEAKAGE TEST MAY BE APPLIED TO THE WHOLE LINE OR TO THE VALVED SECTIONS. THE PIPE SHALL BE SUBJECTED TO HYDROSTATIC PRESSURES OF A MINIMUM 150 POUNDS PER SQUARE INCH, BASED ON THE ELEVATION OF THE LOWEST POINT OF THE LINE OR SECTION UNDER TEST, AND 1.25 TIMES THE WORKING PRESSURE AT THE HIGHEST POINT ALONG THE TEST SECTION FOR A PERIOD OF AT LEAST 120 MINUTES, OR LONGER AS MAY BE DIRECTED BY THE ENGINEER. ANY LEAKS SHALL BE STOPPED IN A MANNER SATISFACTORY TO THE ENGINEER AND OWNER. THE PERMISSIBLE LEAKAGE FOR THE SECTION UNDER TEST SHALL NOT EXCEED THE MAXIMUM ALLOWABLE AS SPECIFIED IN THE LATEST AWWA STANDARD SPECIFICATIONS FOR PVC WATER MAINS, DESIGNATION C-605, CURRENT EDITION.
23. DISINFECTION SHALL BE IN ACCORDANCE WITH PROCEDURE SET FORTH IN AWWA STANDARD C-601 AND C-651 CURRENT EDITION(S), PRIOR TO CHLORINATION, ALL DIRECT AND FOREIGN MATTER SHALL BE REMOVED BY A THOROUGH FLUSHING OF THE NEW LAID PIPELINE. THE INITIAL FILLING OF THE PIPELINE SHALL BE WITH A DISINFECTING SOLUTION OF NOT LESS THAN 100 PPM OF CHLORINE. THIS SOLUTION SHALL REMAIN IN THE LINE FOR 24 HOURS. THE CHLORINE RESIDUAL SHALL NOT BE LESS THAN 25 PPM AT ANY POINT IN THE PIPE AT THE END OF THE 24 HOURS RETENTION PERIOD. FLUSHING THE DISINFECTION SOLUTION OF THE NEWLY LAID LINE CAN BEGIN 24 HOURS AFTER THE LINE IS FILLED, BUT UNDER NO CIRCUMSTANCES SHALL THE DISINFECTION SOLUTION REMAIN IN THE LINE MORE THE 48 HOURS. AFTER THE LINE HAS BEEN THOROUGHLY FLUSHED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO TAKE THE REQUIRED BACTERIA SAMPLES TO A NYSDOH ELAP CERTIFIED LABORATORY. IF THE BACTERIA SAMPLES TAKEN ARE ACCEPTABLE, THE WATER LINE MAY PUT INTO SERVICE AS THE ENGINEER AND OWNER DIRECT. IF THE BACTERIAL SAMPLES ARE NOT SATISFACTORY, THE CHLORINATION PROCEDURE WILL BE REPEATED UNTIL SATISFACTORY SAMPLES ARE OBTAINED. THE CONTRACTOR WILL PROVIDE NECESSARY SAMPLING POINTS. ALL WATER USED IN TESTING, CHLORINATING AND FLUSHING WILL BE OBTAINED WITH PERMISSION FROM THE WATER MAIN OWNER.

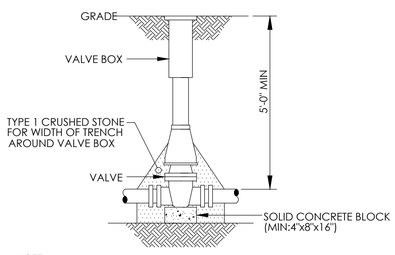
1 WATER MAIN NOTES
SCALE: NTS



2 WATERMAIN TRENCH
SCALE: NTS

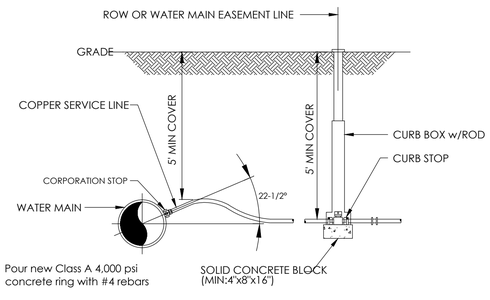


5 WATER MAIN VERTICAL CROSSING
SCALE: NTS

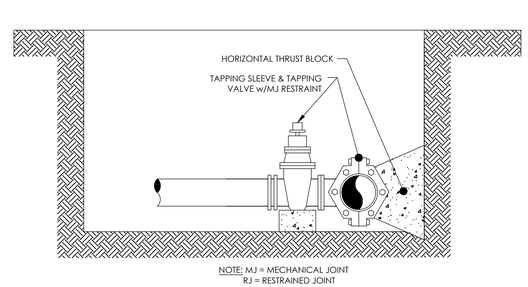


NOTE:
1. VALVE BOX SHALL BE CENTERED ON VALVE AND SET ON COMPACTED BACKFILL.
2. VALVE SHALL NOT SUPPORT VALVE BOX.
3. ALL BODY AND BONNET BOLTS SHALL BE STAINLESS STEEL.
4. ALL VALVES SHALL BE OPEN LEFT EXCEPT VALVES 12" AND SMALLER

8 WATER VALVE DETAIL
SCALE: NTS

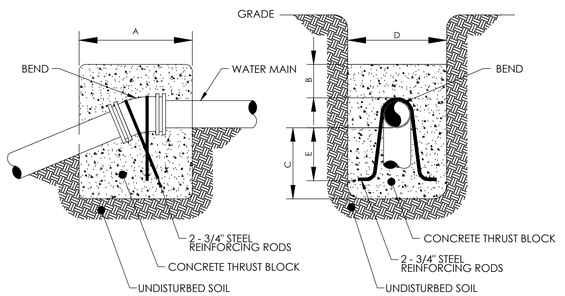


9 1 1/2" AND 2" SERVICE INSTALLATION
SCALE: NTS



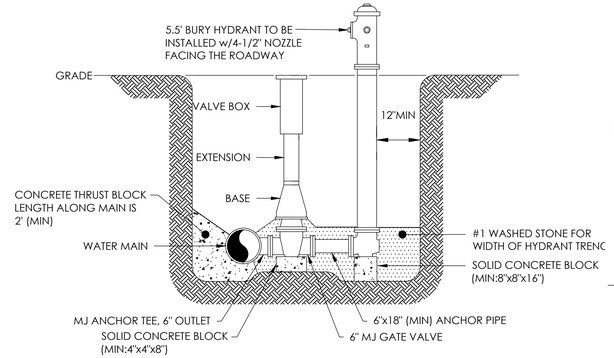
NOTE: MJ = MECHANICAL JOINT
RJ = RESTRAINED JOINT

3 TAPPING SLEEVE AND VALVE DETAIL
SCALE: NTS



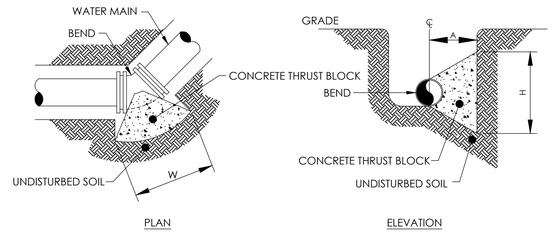
BEND *	MINIMUM VOLUME OF CONCRETE	MINIMUM ALLOWABLE DIMENSIONS FOR VERTICAL THRUST BLOCKS (IN FEET)				
	DIMENSIONS	A	B	C	D	E
8" x 11-1/4"	0.35 C.Y.	1.0	2.5	1.0	2.0	0.5
8" x 22-1/2"	0.70 C.Y.	1.5	2.5	1.5	2.0	1.0
8" x 45°	1.40 C.Y.	1.5	2.5	1.5	2.5	1.5

6 VERTICAL THRUST BLOCK
SCALE: NTS



NOTES:
1. ALL DUCTILE IRON PIPE SECTIONS TO BE WRAPPED IN POLYETHYLENE, INCLUDING HYDRANT RISER
2. HYDRANT DRAINS SHALL BE PLUGGED

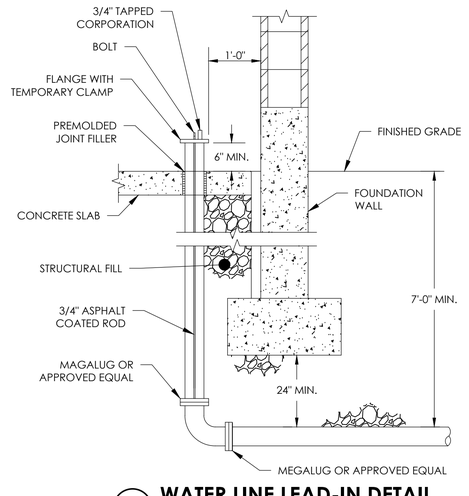
4 PERPENDICULAR HYDRANT ASSEMBLY
SCALE: NTS



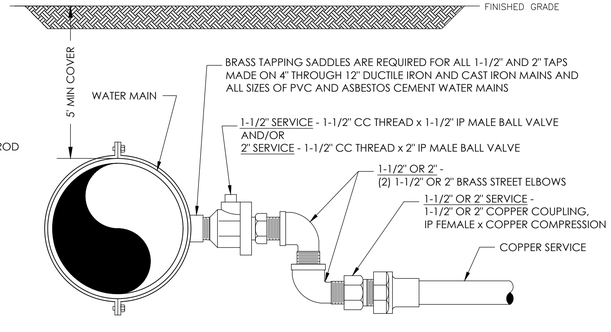
MINIMUM HORIZONTAL THRUST BLOCK DIMENSIONS, IN FEET, TO BE POURED AGAINST UNDISTURBED SOIL			
FITTING	H	W	A
8" x 11-1/4" BEND	1.0	2.0	1.5
8" x 22-1/2" BEND	1.5	3.0	1.5
8" x 45° BEND	2.0	4.0	2.0
8" x 90° BEND	3.0	6.0	2.5
8" TEE OR PLUG	2.5	5.0	2.0

NOTE: WIDTH (W) OF BLOCK SHALL NOT EXCEED TWICE THE HEIGHT (H).

7 HORIZONTAL THRUST BLOCK FOR BENDS
SCALE: NTS



10 WATER LINE LEAD-IN DETAIL
SCALE: NTS



11 1 1/2" AND 2" SERVICE INSTALLATION
SCALE: NTS

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Principal-in-Charge: Andrew Holesko
Project Manager: Matt Nissen, P.E.
Designed by: LDS, ZJH

Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:

STATE OF NEW YORK — MATTHEW JAMES NISSEN — 104260 — LICENSED PROFESSIONAL ENGINEER

Site:

Hudson Valley Regional Airport
263 New Hackensack Rd.
Wappingers Falls, NY 12590

Client:

Sky Harbour LLC
136 Tower Rd., Suite 205
White Plains, NY 10604

Revisions:

MARK	DATE	DESCRIPTION

PROJECT NO: 23000149.0019
CAD DWG FILE: 23000149.0019 Details.dwg
DRAWN BY: AG, ZJH
CHECKED BY: MJN

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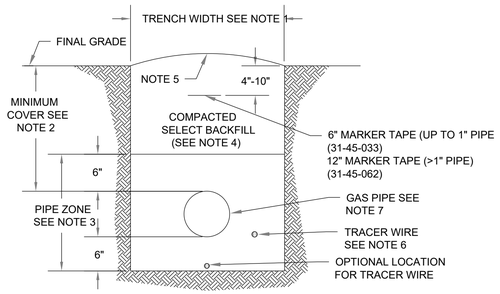
Sheet Title:

Utility Details - Sheet 1

C-511

April 2025

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NOTES:

1. THE MINIMUM TRENCH WIDTH SHALL BE AS FOLLOWS:

PIPE SIZE	TRENCH WIDTH
UP TO 1" CTS	4"
1 1/4" - 2"	12"
3" - 6"	PIPE O.D. +12"

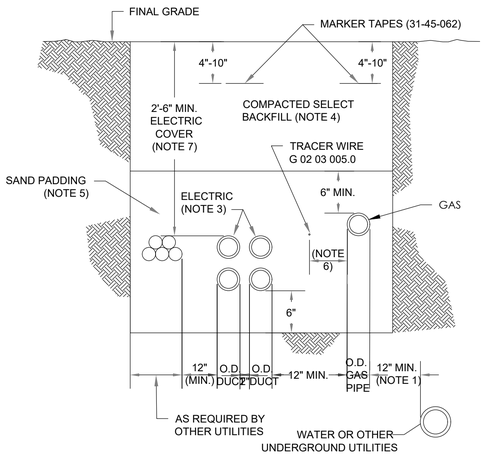
2. MINIMUM DEPTH OF COVER FROM FINAL GRADE TO TOP OF PIPE SHALL BE AS FOLLOWS

IN EARTH	IN ROCK
18"	12"

   REFER TO CENTRAL HUDSON GAS AND ELECTRIC G 01 03 001.0 FOR SPECIFIC COVER REQUIREMENTS IN CULTIVATED LAND OR NAVIGABLE WATERWAYS AND G 01 03 004.1 FOR SHALLOW COVER. GREATER DEPTH MAY BE REQUIRED BY GOVERNING AUTHORITY.
3. SAND PADDING IS REQUIRED IN THE PIPE ZONE. REFER TO CENTRAL HUDSON GAS AND ELECTRIC G 01 3 005.0 FOR THE DEFINITION OF SAND PADDING. IT SHALL BE THOROUGHLY COMPACTED IN 12" LIFTS OR AS REQUIRED BY THE GOVERNING AUTHORITY.
4. COMPACTED BACKFILL MAY BE ON-SITE MATERIAL PROVIDED IT CONTAINS NO ROCKS OR STONES OVER 6" IN DIAMETER, ROOTS, STUMPS, OR CONSTRUCTION DEBRIS. IT SHALL BE THOROUGHLY COMPACTED IN 12" LIFTS OR AS REQUIRED BY THE GOVERNING AUTHORITY
5. THE BACKFILLED TRENCH SHALL BE CROWNED SLIGHTLY TO ALLOW FOR FUTURE SETTLEMENT.
6. FOR PLASTIC PIPE, TRACER WIRE SHALL BE INSTALLED PER CENTRAL HUDSON GAS AND ELECTRIC G 02 03 005.0 AND G 02 03 006.0
7. IN AREAS WHERE PLASTIC PIPE IS LESS THAT 6" DIAMETER IS INSTALLED BELOW THE WATER TABLE, AN UNOPENED 75 LB. BAG OF CONCRETE MIX SHALL BE PLACED DIRECTLY OVER THE PIPE EVERY 40 FEET TO PREVENT THE PIPE FROM FLOATING UP AFTER INSTALLATION. THE BAGS SHALL BE BACKFILLED ALONG THE PIPE.
8. REFER TO CENTRAL HUDSON GAS AND ELECTRIC G 02 01 037.0 TO DETERMINE THE NEED FOR SHORING OR SLOPING.
9. REFER TO CENTRAL HUDSON GAS AND ELECTRIC G 01 03 004.0 FOR MINIMUM BELOW GRADE CLEARANCES.
10. IN STEEP TERRAIN, TRENCH BREAKERS AND EROSION CONTROL MAY BE REQUIRED. CONSULT WITH GAS AND MECHANICAL ENGINEERING.

4 GAS TRENCHING AND BACKFILL REQUIREMENTS

SCALE: NTS

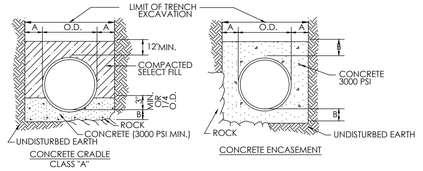


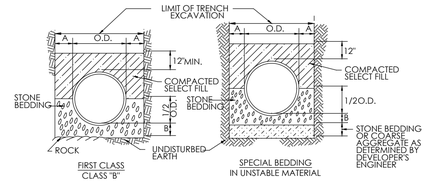
NOTES:

1. THE MINIMUM CLEARANCE FROM GAS TO OTHER UTILITIES SUCH AS WATER AND SEWER SHALL BE 12". CONSULT WITH OTHER UTILITIES OR REVIEW LOCAL ORDINANCES FOR ADDITIONAL CLEARANCE REQUIREMENTS IF 12" CLEARANCE NOT POSSIBLE REFER TO CENTRAL HUDSON GAS & ELECTRIC STANDARD G 01 03 004.0.
2. TELECOMMUNICATIONS CONDUIT & INNERDUCT SIZE/MATERIALS AS REFERRED ON UTILITY PLANS AND ELECTRICAL PLANS.
3. SPACING SHALL BE MAINTAINED FOR CONCRETE ENCASED DUCTS.
4. COMPACTED SELECT BACKFILL MAY BE ON-SITE MATERIAL PROVIDED IT CONTAINS NO ROCKS OR STONES OVER 6" IN DIAMETER, ROOTS, STUMPS OR CONSTRUCTION DEBRIS.
5. REFER TO CENTRAL HUDSON GAS AND ELECTRIC CONSTRUCTION STANDARD G 01 03 005.0 FOR DEFINITION OF SAND PADDING.
6. LOCATE TRACER WIRE A SUFFICIENT DISTANCE FROM PLASTIC PIPE TO MINIMIZE TRACER WIRE TO PIPE CONTACT

5 TYPICAL COMMON TRENCH CONFIGURATION

SCALE: NTS



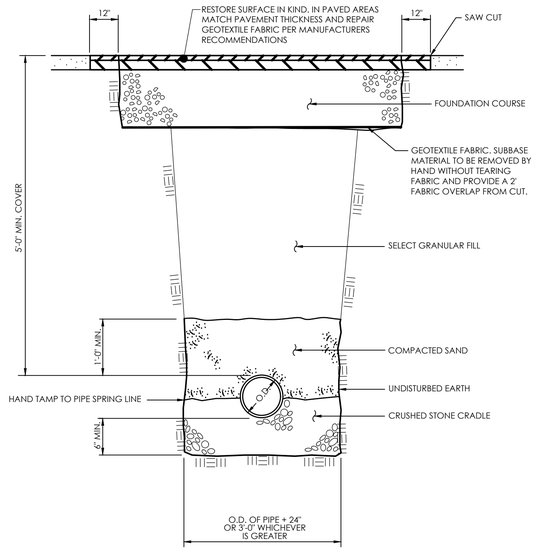


PIPE DIA.	DIM. A	DIM. B
UP TO 18"	1.0'	6"
21" TO 36"	1.5'	9"
OVER 36"	1.5'	12"

1. TRENCH BACKFILL SHALL BE AS REQUIRED BY THE HIGHWAY OWNER.
2. SELECT FILL SHALL BE SAND, GRAVEL, AND SIMILAR MATERIAL WHICH SHALL BE FREE FROM CLAY, LOAM, ORGANIC MATERIAL, DEBRIS, FROZEN MATERIAL AND SHALL CONTAIN ONLY SMALL AMOUNTS OF STONE, PEBBLES OR LUMPS OVER ONE INCH IN GREATEST DIMENSION BUT NONE OVER TWO INCHES IN GREATEST DIMENSION.
3. STONE BEDDING SHALL MEAN APPROVED IMPORTED AGGREGATE MEETING THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATION, JAN 2, 1990 EDITION, AS REVISED, SUBSECTION 703-0201 "CRUSHED STONE". PRIMARY SIZE 1 OR A MIXTURE OF PRIMARY SIZES 1 AND 2.
4. COARSE AGGREGATE SHALL MEAN APPROVED IMPORTED AGGREGATE MEETING THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATION, JAN 2, 1990 EDITION, AS REVISED, SUBSECTION 703-0201 "CRUSHED STONE". PRIMARY SIZE 3 AND/OR 4
5. THIS FIGURE APPLIES TO SANITARY MAINLINE AND LATERAL PIPE INSTALLATION AS WELL AS FORCEMAINS.

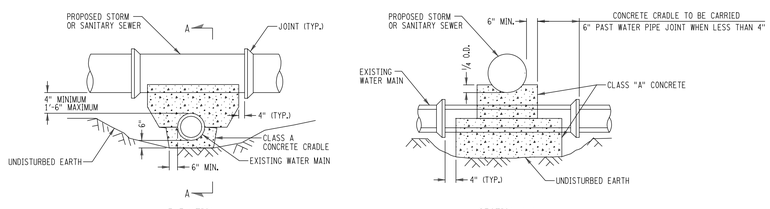
3 STORM SEWER/SANITARY SEWER BEDDING DETAILS

SCALE: NTS



6 TYPICAL SEWER TRENCH SECTION IN PAVEMENT AREAS

SCALE: NTS



UTILITY CROSSING - VERTICAL OBSTRUCTION
LACKING REQUIRED VERTICAL OFFSET
PROPOSED STORM SEWER CROSSING WATER MAIN WITH 4" - 18" OF VERTICAL SEPARATION

7 UTILITY CROSSING - VERTICAL OBSTRUCTION DETAIL

SCALE: NTS

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Principal-in-Charge: Andrew Holesko
Project Manager: Matt Nissen, P.E.
Designed by: LDS, ZJH

Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:



Site:

Hudson Valley Regional Airport
263 New Hackensack Rd.
Wappingers Falls, NY 12590

Client:

Sky Harbour LLC
136 Tower Rd., Suite 205
White Plains, NY 10604

Revisions:

MARK	DATE	DESCRIPTION

PROJECT NO: 23000149.0019
CAD DWG FILE: 23000149.0019 Details.dwg
DRAWN BY: AG, ZJH
CHECKED BY: MJN

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Sheet Title:

Utility Details - Sheet 2

C-512

April 2025

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STANDARD NOTES FOR COMMERCIAL PROJECTS (ONSITE SEWAGE DISPOSAL & CENTRAL WATER)

THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:

1. "NEW YORK STATE DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS", NYSDEC
2. "APPENDIX 75-A, WASTE TREATMENT - INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE SANITARY CODE."
3. "RECOMMENDED STANDARDS FOR SEWAGE TREATMENT WORKS, (TEN STATES)."
4. "RECOMMENDED STANDARDS FOR WATER WORKS (TEN STATES)"
5. "NEW YORK STATE DEPARTMENT OF HEALTH AND DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION POLICIES, PROCEDURES AND STANDARDS."
6. "DUTCHESS COUNTY AND NEW YORK STATE SANITARY CODES."
7. "DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION CERTIFICATE OF APPROVAL LETTER."
8. THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE DISPOSAL AND TREATMENT AND WATER SUPPLY FACILITIES.
9. UPON COMPLETION OF THE FACILITIES, THE FINISHED WORKS SHALL BE INSPECTED, TESTED, AND CERTIFIED COMPLETE TO THE DC EHSD BY THE NEW YORK STATE REGISTERED DESIGN PROFESSIONAL SUPERVISING CONSTRUCTION. NO PART OF THE FACILITIES SHALL BE PLACED INTO SERVICE UNTIL ACCEPTED BY THE DC EHSD.
10. APPROVAL OF ANY PLAN(S) OR AMENDMENT THERETO SHALL BE VALID FOR A PERIOD OF 5 YEARS FROM THE DATE OF APPROVAL. FOLLOWING THE EXPIRATION OF SAID APPROVAL, THE PLAN(S) SHALL BE RE-SUBMITTED TO THE COMMISSIONER OF HEALTH FOR CONSIDERATION FOR RE-APPROVAL. RE-SUBMISSION OR REVISED SUBMISSION OF PLANS AND/OR ASSOCIATED DOCUMENTS SHALL BE SUBJECT TO COMPLIANCE WITH THE TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES IN EFFECT AT THE TIME OF THE RE-SUBMISSION.
11. ALL ONSITE WASTEWATER TREATMENT SYSTEM EXISTING OR APPROVED WITHIN 300 FEET OF THE PROPOSED ONSITE WASTEWATER TREATMENT SYSTEM ARE SHOWN ON THIS PLAN ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE ONSITE WASTEWATER TREATMENT SYSTEM.
12. IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE DC EHSD FIELD INSPECTOR AND/OR DESIGN PROFESSIONAL THAT THE TANK IS SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE, AT A MINIMUM, THE FILLING OF THE TANK WITH WATER TO OBSERVE IF IT IS IN FACT SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THE TANK MUST ALSO MEET ANY LOCAL TESTING REQUIREMENTS, INCLUDING POSSIBLE ELECTRICAL AND SAFETY STANDARDS.
13. ALL PROPOSED SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR INSTALLATION AND PLACEMENT.
14. NO CELLAR, FOOTING, FLOOR, GARAGE, COOLER OR ROOF DRAINS SHALL BE DISCHARGED INTO THE ONSITE WASTEWATER TREATMENT SYSTEM.
15. ALL BUILDINGS SHALL BE CONSTRUCTED AT AN ELEVATION HIGH ENOUGH TO ENSURE GRAVITY FLOW TO THE ONSITE WASTEWATER TREATMENT SYSTEM.
16. THERE SHALL BE NO VEHICULAR TRAFFIC OVER THE ONSITE WASTEWATER TREATMENT SYSTEM. PRIOR TO CONSTRUCTION, THE AREA OF THE SYSTEM SHALL BE STAKED OUT AND FENCED OFF.
17. ONSITE WASTEWATER TREATMENT SYSTEMS SHALL NOT BE INSTALLED IN WET OR FROZEN SOIL.
18. THE DC EHSD SHALL BE NOTIFIED PRIOR TO THE BACKFILLING OF ANY COMPLETED ONSITE WASTEWATER TREATMENT SYSTEM SO THAT A FINAL INSPECTION MAY BE PERFORMED.
19. THE DC EHSD SHALL BE NOTIFIED SIXTY DAYS PRIOR TO ANY CHANGE IN USE; USE CHANGES MAY REQUIRE RE-APPROVAL BY THE DC EHSD.
20. ALL REQUIRED EROSION & SEDIMENT CONTROL AND STORMWATER POLLUTION PREVENTION WATER QUALITY & QUANTITY CONTROL STRUCTURE, PERMANENT AND TEMPORARY, ARE SHOWN ON THE PLANS.
21. NO BUILDINGS ARE TO BE OCCUPIED AND THE NEW WATER SYSTEM SHALL BE PLACED INTO SERVICE UNTIL "COMPLETED WORKS APPROVAL" IS ISSUED UNDER SECTION 5-1.22(D) OF PART 5 OF THE NEW YORK STATE SANITARY CODE (10NYCRR5).
22. THE UNDERSIGNED OWNERS OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AND STATED HEREON.

SEWAGE DISPOSAL SYSTEM DESIGN NOTES

1. SEPTIC SYSTEM DESIGN IS BASED UPON DESIGN FLOWS FROM NEW STANDARD FIXTURES, NO FOOTING DRAINS OR ROOF DRAINS, WATER SOFTENER BACKWASHES, ETC. SHALL BE ALLOWED TO ENTER THE SYSTEM.
2. DESIGN FLOW: 354.02 GPD
3. 100% EXPANSION OF THE SEPTIC FIELD IS PROVIDED.
4. SEPTIC TANK SIZE: 1,000 GALLONS
5. THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIE OF CONSTRUCTION WHICH INCLUDE:
   "RECOMMENDED STANDARDS FOR WATER WORKS (TEN STATES)"
   "NEW YORK STATE DEPARTMENT OF HEALTH AND DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION POLICIES, PROCEDURES AND STANDARDS."
   "DUTCHESS COUNTY AND NEW YORK STATE SANITARY CODES."
   "DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION CERTIFICATE OF APPROVAL LETTER."
6. NO COMPONENT OF PART OF THE SEWAGE DISPOSAL SYSTEM IS TO BE BACKFILLED UNTIL INSPECTED BY THE ENGINEER PERFORMING THE CERTIFICATION.
7. FINAL GRADING SHALL BE PERFORMED SO THAT NO SURFACE WATER WILL RUN ON OR COLLECT ON THE INSTALLED SEPTIC SYSTEM.
8. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED.
9. HEAVY EQUIPMENT SHALL BE KEPT OFF OF THE ABSORPTION FIELD AREA EXCEPT FOR ACTUAL CONSTRUCTION OF THE FIELD. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE AREA OF THE PROPOSED FIELD, BEFORE, DURING AND AFTER CONSTRUCTION.
10. TRENCHES SHALL NOT BE CONSTRUCTED IN WET SOIL.
11. SIDES AND BOTTOM OF TRENCHES SHALL BE RAKED IMMEDIATELY PRIOR TO PLACING GRAVEL.
12. THE END OF ALL DISTRIBUTION LATERALS SHALL BE CAPPED.
13. THE LOCATION OF THE SEPTIC FIELD IS TO BE FIELD LOCATED BY A LICENSED NYS SURVEYOR PRIOR TO CONSTRUCTION. THE SEPTIC FIELD MUST BE CONSTRUCTED IN THE AREA SHOWN ON PLAN. THE ENGINEER MUST BE CONTACTED 24 HOURS PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, TO SCHEDULE A REVIEW OF THE SEPTIC INSTALLATION.
14. A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER SHALL INSPECT THE SANITARY FACILITIES (SEWAGE DISPOSAL FACILITIES) AT THE TIME OF CONSTRUCTION. PRIOR TO OCCUPANCY, THE ENGINEER SHALL CERTIFY TO DUTCHESS COUNTY DEPARTMENT OF BEHAVIORAL AND COMMUNITY HEALTH THAT THE FACILITIES ARE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS.
15. THE OWNER AND/OR CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF FIVE (5) WORKING DAYS IN ADVANCE OF THE START OF WORK.
16. SANITARY FACILITIES ARE NOT TO BE RELOCATED OR REDESIGNED WITHOUT REVIEW AND APPROVAL OF THE ENGINEER AND THE AUTHORITY HAVING JURISDICTION.
17. THERE WILL BE NO REGRADING OR COMPACTING IN THE AREA OF THE PROPOSED FIELD.
18. NO PAVING SHALL BE PLACED OVER ANY PORTION OF THE FIELD.

SOIL RESTORATION NOTES:

1. TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12" USING CAT-MOUNTED RIPPER, TRACTOR MOUNTED DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPOST INTO SUBSOILS.
2. ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF 4" AND LARGER ARE CLEANED OFF SITE.
3. APPLY TOPSOIL TO A DEPTH OF 6 INCHES ON ALL AREAS BEING RETURNED TO GRASS.
4. VEGETATE AS REQUIRED BY APPROVED PLAN.

SANITARY CALCULATIONS

FLOW FROM BUILDINGS:
Qavg = 354.02 GPD (*includes 2.0 F.S. per county regs)

Q < 10,000 GPD THEREFORE NO SPEDES PERMIT REQUIRED

SEPTIC TANK SIZE:
Q<5,000 GPD THEREFORE TANK SIZE = 1.5Q = 495 GALLONS REQUIRED
1,000 GALLON SEPTIC TANK PROVIDED

MAXIMUM PERCOLATION RATE = 51 MINUTES
APPLICATION RATE = 0.450 GPD/SF (RATE DETERMINED FROM THE DUTCHESS COUNTY DESIGN AND CONSTRUCTION STANDARDS PLAN SUBMISSION GUIDE TABLE 4B) FOR PERCOLATION RATES WITHIN 46-60 MINUTES.

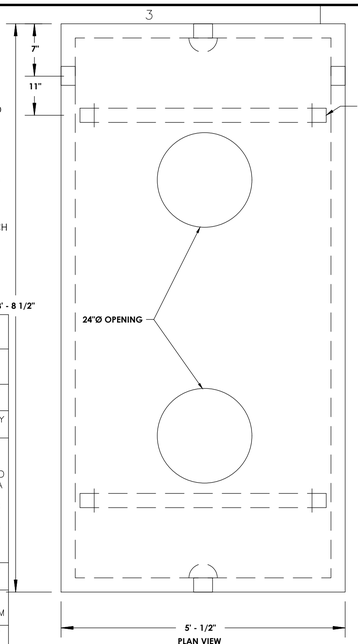
ABSORPTION TRENCH:
Q/APPLICATION RATE = 354.02GPD/0.45 GPD/SF = 786.7 SF OF TRENCH REQUIRED

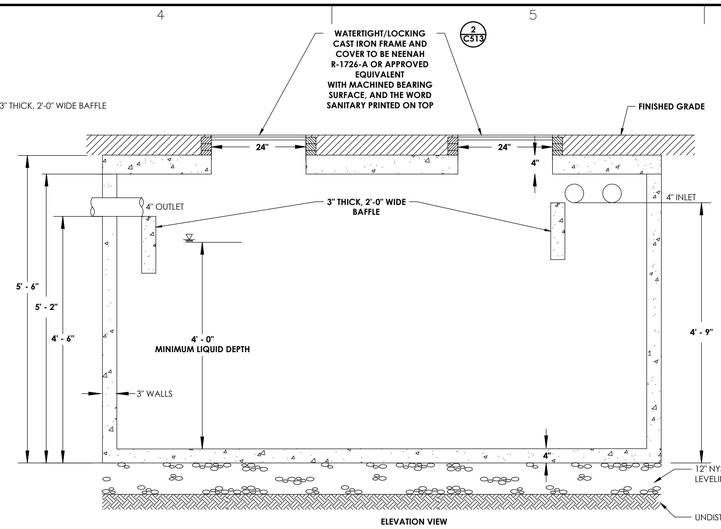
786.7 SF/2' WIDE TRENCHES * 75% FOR CHAMBERS = 295' OF TRENCH REQUIRED

DESIGN TO USE 5 ROWS @ 60' LONG = 300' OF TRENCH

DEEP TEST RESULTS

TEST DATE	HOLE ID#	TEST HOLE DEPTH	ROCK DEPTH	WATER DEPTH	MOTTLING DEPTH	SOIL DESCRIPTION
11/2/2022	DT-1	6'-10"	N/A	N/A	N/A	GRASS, 3"-6" TOPSOIL
						GRAVELLY, CLAY LOAM
						AT ~3' - TRAP ROCK WAS OBSERVED ALONG WITH A PIECE OF ORANGEBURG PIPE SURROUNDED BY DRAINAGE STONE.
	DT-2	7'-0"	N/A	N/A	N/A	GRASS, 3"-6" TOPSOIL
						CONSISTENT GRAVELLY-LOAM
	DT-3	4'-6"	N/A	N/A	N/A	GRASS, 3"-6" TOPSOIL
						CONSISTENT GRAVELLY-LOAM
						AT ~2'-8", PERFORATED PVC PIPE IS OBSERVED. OWNER CONFIRMED PIPE IS NOT IN USE.
	DT-4	4'-4"	N/A	N/A	N/A	GRASS, 3"-6" TOPSOIL
						CONSISTENT GRAVELLY-LOAM



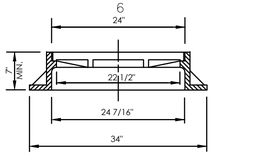


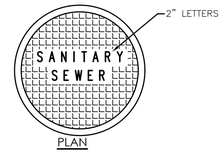
1 1,000 GALLON HS-20 PRECAST CONCRETE SEPTIC TANK

N.T.S.

NOTES:

1. BASIS OF DESIGN IS THE FORT MILLER CO., INC 1000 GALLON SEAMLESS SEPTIC TANK. APPROVED EQUALS ARE ACCEPTABLE.
2. CONCRETE STRENGTH SHALL BE 4,500 PSI @ 28 DAYS.
3. TANK SHALL BE RATED FOR H2-20-44 LOADING AND CONSTRUCTED WITH ASTM A-615 GRADE 60 REINFORCEMENT.
4. CONSTRUCTION JOINTS SHALL HAVE A MINIMUM 1" BUTYL SEALANT.
5. EXTERIOR BITUMINOUS COATING SHALL BE APPLIED.



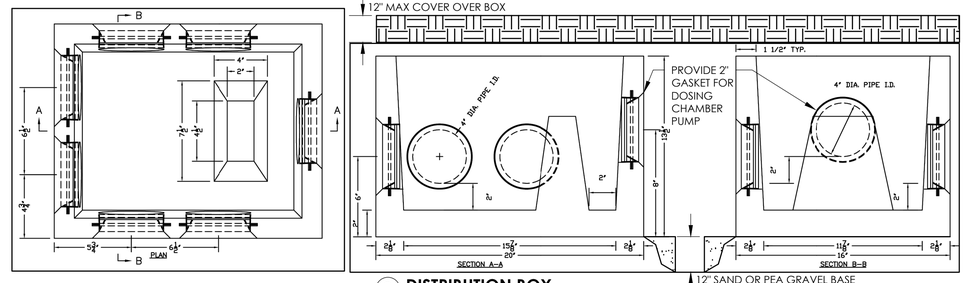


2 MANHOLE FRAME & COVER

N.T.S.

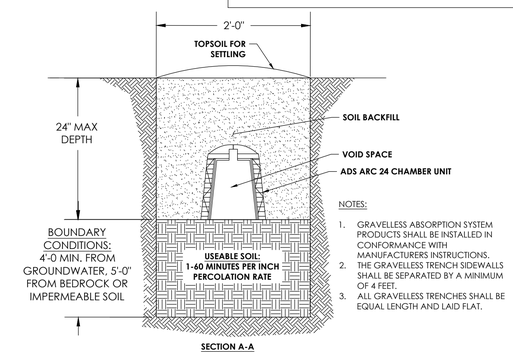
PERCOLATION TEST RESULTS

TEST DATE	HOLE ID#	TEST HOLE DEPTH	PRE-SOAK	TEST RUN 1	TEST RUN 2	TEST RUN 3	TEST RUN 4	TEST RUN 5
9/9/2022	PT-1	24"	9/8/2022	N/A	–	–	–	–
	PT-2	26"	9/8/2022	53 MIN	N/A	–	–	–
	PT-3	28"	9/8/2022	20 MIN	26 MIN	37 MIN	33 MIN	45 MIN
	PT-4	26"	9/8/2022	31 MIN	54 MIN	58 MIN	61 MIN	–
10/20/2022	PT-5	24"	10/19/2022	18 MIN	18 MIN	23 MIN	26 MIN	–
	PT-6	24"	10/19/2022	18 MIN	20 MIN	23 MIN	24 MIN	–
	PT-7	24"	10/19/2022	45 MIN	46 MIN	48 MIN	51 MIN	–



3 DISTRIBUTION BOX

N.T.S.

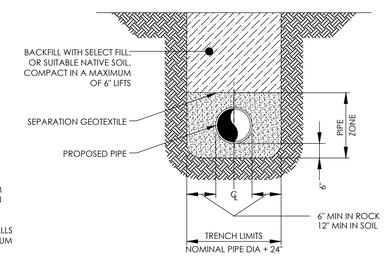


NOTES:

1. GRAVELLESS ABSORPTION SYSTEM PRODUCTS SHALL BE INSTALLED IN CONFORMANCE WITH MANUFACTURERS INSTRUCTIONS.
2. THE GRAVELLESS TRENCH SIDEWALLS SHALL BE SEPARATED BY A MINIMUM OF 4 FEET.
3. ALL GRAVELLESS TRENCHES SHALL BE EQUAL LENGTH AND LAID FLAT.

4 GRAVELLESS CHAMBER TRENCH LAYOUT PLAN

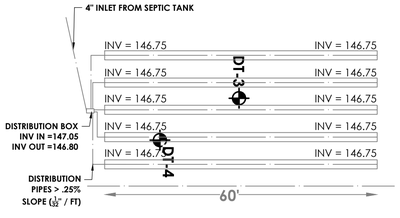
N.T.S.



1. DETAIL FOR NON-PERFORATED CONNECTION PIPES FROM DISTRIBUTION BOX TO LEACH CHAMBERS ONLY.
2. PIPE ZONE SHALL EXTEND A MINIMUM OF 6-INCHES ABOVE AND BELOW THE PIPE. PIPE SHALL BE CENTERED HORIZONTALLY AND VERTICALLY IN THE PIPE ZONE. PIPE ZONE FILL SHALL BE A SAND MATERIAL (90-100% PASSING 0.25-INCH SIEVE, <5% PASSING No. 200 SIEVE), MANUALLY COMPACTED IN 6-INCH LIFTS.
3. SELECT FILL SHALL BE SAND, GRAVEL, AND SIMILAR MATERIAL WHICH SHALL BE FREE FROM CLAY, LOAM, ORGANIC MATERIAL, DEBRIS, FROZEN MATERIAL AND SHALL CONTAIN ONLY SMALL AMOUNTS OF STONE, PEBBLES OR LUMPS OVER ONE INCH IN GREATEST DIMENSION BUT NONE OVER TWO INCHES IN GREATEST DIMENSION.

5 PIPE TRENCH AND BEDDING DETAIL

N.T.S.

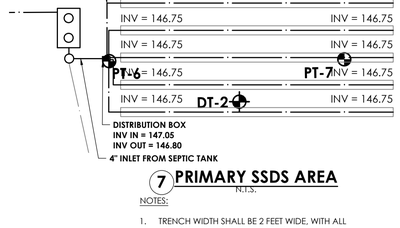


6 EXPANSION SSDS AREA

N.T.S.

NOTES:

1. TRENCH WIDTH SHALL BE 2 FEET WIDE, WITH ALL TRENCHES SPACED 4 FEET APART.
2. LATERALS SHALL BE 6 FEET CENTER TO CENTER.



7 PRIMARY SSDS AREA

N.T.S.

NOTES:

1. TRENCH WIDTH SHALL BE 2 FEET WIDE. WITH ALL TRENCHES SPACED 4 FEET APART.
2. LATERALS SHALL BE 6 FEET CENTER TO CENTER.

PASSERO engineering architecture

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Principal-in-Charge: Andrew Holesko
Project Manager: Matt Nissen, P.E.
Designed by: LDS, ZJH

Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:

STATE OF NEW YORK MATTHEW JAMES NISSEN 104260 LICENSED PROFESSIONAL ENGINEER

Site:

Hudson Valley Regional Airport

263 New Hackensack Rd.
Wappingers Falls, NY 12590

Client:

Sky Harbour LLC
136 Tower Rd., Suite 205
White Plains, NY 10604

Revisions:

MARK	DATE	DESCRIPTION

PROJECT NO: 23000149.0019
CAD DWG FILE: 23000149.0019 Details.dwg
DRAWN BY: AG, ZJH
CHECKED BY: MJN

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Sheet Title:

Utility Details - Sheet 3

C-513

April 2025

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PASSERO ASSOCIATES
engineering architecture

PROJECT: HVRA North Hangars SHEET: 1 OF 2
PROJECT NO: 23000149.0019 COMPUTED BY: ABG
SUBJECT: Septic Dosing Calcs CHECKED BY: ABG
DATE: 4/24/25

Givens:
* 3" dosing pipe to distribution box.
* Effluent volume between 75-85% of volume of field.
* Treat gravelless units as 4" perforated dist. pipes.



1) Determine Volume of distribution pipes:
*per Table 5 NYSRPWTS, 4" pipes hold 0.653 gal/LF
0.653 gal/LF x 300 LF = 196 gallons

1.1) Include volume of dosing pipe b/c it will drain back into chamber:
*per Table 5 NYSRPWTS 3" pipes hold 0.163 gal/LF
0.163 gal/LF x 6.5 LF = 1 gallon

Total = 196 + 1 = 197 gallons

2.) Dosing Volume:
*Per §8.6 NYSRPWTS, 75-85% per dose.

75% = 197 x .75 = 148 gallons } Dose in this range.
85% = 197 x .85 = 167 gallons }

3.) Dose Tank size requirements:
-Per §8.6 NYSRPWTS, 1 day storage above alarm level
-1 day storage = 354 gallons (includes 2x F.S. per county regs)
354 gal + 197 gal = 551 gallon (

3.1) Need to add shut-off depth to prevent dry run of pump.
-assume 48" cylindrical chamber.
-assume 6" depth
Volume = $\pi r^2 h$ = $\pi(24^2)(.5')$ = 6.28 cf ($7.48 gal/ft^3$) = 47 gallon shut off capacity

3.2) Need to add volume from start level to high water level.
-assume same criteria as 3.1
Volume = 47 gallon high water capacity

PASSERO ASSOCIATES
engineering architecture

PROJECT: HVRA North Hangars SHEET: 2 OF 2
PROJECT NO: 23000149.0019 COMPUTED BY: ABG
SUBJECT: Septic Dosing Calcs CHECKED BY: ABG
DATE: 4/24/25

3.3) Total Chamber size
354 storage + 148 dose + 47 shutoff + 47 high water = 596 gallons

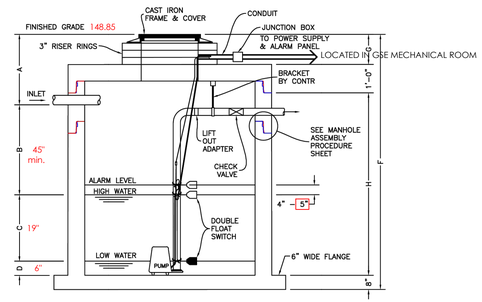
NOTES:

1. For Dutchess County, Pump chambers shall be sized to provide a minimum of one day's design storage flow above the alarm level using duplex pump design.
2. Chamber shall include audible or visual alarms. Alarms should be in an accessible and conspicuous location. **Alarms & controls are to be installed inside the GSE mechanical room.**
3. The use of manually operated siphons or pumps is not acceptable.
4. See design calculations on this sheet for sizing and float elevations. Contractor may submit an approved equal showing all necessary calculations to the Engineer for approval prior to installation or ordering.
5. Design is based off the 'LittleGIANT 9SC-CIA-RF 4/10HP pump'. Contractor may provide approved equal effluent pump so long as that pump is certified for use as a septic effluent pump and meets the required pump curve criteria. Contractor must submit pump information to Engineer for approval.

RESIDENTIAL PUMP TANK

PRECAST

A	FINISHED GRADE TO PIPE INVERT	INCHES
B	MINIMUM RESERVE STORAGE CAPACITY OF ONE DAY'S FLOW 354 gallons	GALLONS
C	FIELD DOSE CAPACITY (IF NOT NOTED FIND LINEAL FEET OF PIPE IN LEACH FIELD AND CALCULATE FIELD CAPACITY x 75% TO ACHIEVE ANSWER. THEN DIVIDE GALLONAGE BY GAL/L.F. BASED ON DIAMETER OF STRUCTURE TO GET LIQUID DEPTH)	INCHES
D	PUMP SUBMERGENCE (6" TO 12" TYP.)	INCHES
F	TOTAL (ADD A THROUGH D + 6")	INCHES
G	SUBTRACT FRAME & COVER & ADJUSTMENT (3" INCREMENTS)	INCHES
H	INSIDE HEIGHT OF MANHOLE	INCHES



INCLUDES:
1.) DELIVERY AND SETTING INTO EXCAVATION (MAX. 1 HOUR ALLOWED).
2.) GASKETS ONLY FOR 4'-0" DIA. (NO LUBE OR BUTYL REQ'D)
3.) GASKETS, LUBE AND 1" BUTYL SEALANT (ONE STRIP/JOINT) – 5' & 6' DIA. ONLY.
4.) MANHOLE ASSEMBLY PROCEDURE SHEET.
5.) 2–PIPE OPENINGS OR WATERTIGHT SEALS WHERE POSSIBLE.

DESCRIPTION	CODE	GAL./L.F.
4' DIA. X 5' DEPTH (H = 7.0'. WILL NEED 8 BARREL EXTENSION.)	PP–PT–04	94
ADD'L DEPTH PER L.F.		
5' DIA. X 5' DEPTH (H)	PP–PT–05	147
ADD'L DEPTH PER L.F.		
6' DIA. X 5' DEPTH (H)	PP–PT–06	212
ADD'L DEPTH PER L.F.		
3" RISER RINGS	MHRR	SEE 3" RISER RINGS
24" DIA. CAST IRON FRAME & COVER		SEE HEAVY DUTY TANK EXTENSION ACCESSORIES
ASSEMBLY PROCEDURE SHEET – 4' DIA.	IS–INST–MH–OSG	
ASSEMBLY PROCEDURE SHEET – 5', 6' DIA.	IS–INST–MH	

SEWAGE PUMPS

Little GIANT

9SC SERIES - 4/10 HP

APPLICATIONS

Sewage and effluent wastewater transfer, dewatering

FEATURES

- Permanent Split Capacitor (PSC)
- Energy-saving low amp draw
- Designed for continuous duty
- 2" FNPT (51 mm) discharge
- Handles solids up to 2" (51 mm) diameter
- Multiple switch options for automatic operation
- 140 °F (60 °C) liquid temperature rating
- cCSAus listed



SERIES SPECIFICATIONS

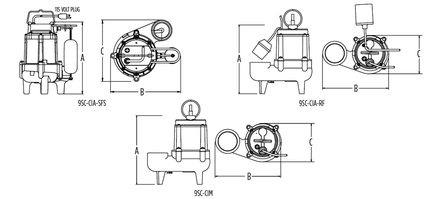
Model	HP	Volts	Hz	Amps	Watts	Max. Water Temp.	GPM / Liters per Minute @ Height			Shut-Off	
							5 ft (1.5 m)	10 ft (3 m)	15 ft (4.6 m)	ft (m)	PSI (Bar)
9SC	4/10	115	60	8	870	140 °F (60 °C)	100 / 379	80 / 303	60 / 227	20 (6.1)	8.7 (0.60)

Item No.	Model	HP	Volts	Discharge	Switch Type / Operation	On Level	Off Level	Cord	Weight
509412	9SC-CIA-RF	4/10	115	2"	Piggyback Mechanical Float	25 cm - 33 cm	12 cm - 20 cm	6.1 m	17.5 kg
						16" - 19"	9" - 11"	20'	38.4 lbs
						41 cm - 48 cm	23 cm - 28 cm	6.1 m	17.4 kg
								20'	14 kg
								6.1 m	16.5 kg

SEWAGE PUMPS

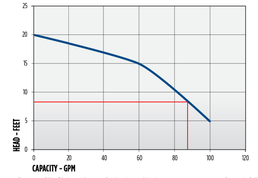
9SC SERIES - 4/10 HP

ENGINEERING DATA



Model	A	B	C
9SN-CIA-RF	13.6" (346 mm)	10.4" (264 mm)	8.6" (219 mm)

PERFORMANCE DATA



CONSTRUCTION

Cover	Epoxy-coated cast iron/ *Thermoplastic
Motor Housing	Epoxy-coated cast iron
Impeller Material	Nylon
Impeller Type	Vortex
Volute	Epoxy-coated cast iron
Mechanical Shaft Seal	Nitrile with carbon and ceramic faces
Fasteners	Stainless steel
Shaft	Steel
Bearings	Upper sintered sleeve and lower ball bearings
Power Cord	SJTW **SJTOW

* On 9S models
** On 9F 9SC-CIA-RF and 9SC-CIM models

*Assuming 48" Ø tank. 6.34' depth to pump required (596 gallons).
*Max depth of water is equal to outlet of septic tank (el: 145.40'). Therefore, pump is at LEAST el:139.06'.
*pump head to distribution box = 147.05 - 139.06 = 7.99' of head + friction loses + weep hole loss.
Pump has ample capacity to support this design & increased depth to fit chosen pump tank.
*This pump may operate safely without a check value, but design options to include one.

Franklin Electric Hotline: 1.800.701.3954 | www.littlegiant.com Spec Sheet 9965I4 2

PASSERO engineering architecture
1A Pine West Plaza
Washington Avenue Extension
Albany, NY 12205
Telephone: (866) 764-7616
Principal-in-Charge Andrew Holesko
Project Manager Matt Nissen, P.E.
Designed by LDS, ZJH

Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:



Site:

Hudson Valley Regional Airport

263 New Hackensack Rd.
Wappingers Falls, NY 12590

Client:

Sky Harbour LLC
136 Tower Rd., Suite 205
White Plains, NY 10604

Revisions:

MARK	DATE	DESCRIPTION

PROJECT NO: 23000149.0019
CAD DWG FILE: 23000149.0019 Details.dwg
DRAWN BY: AG, ZJH
CHECKED BY: MJN

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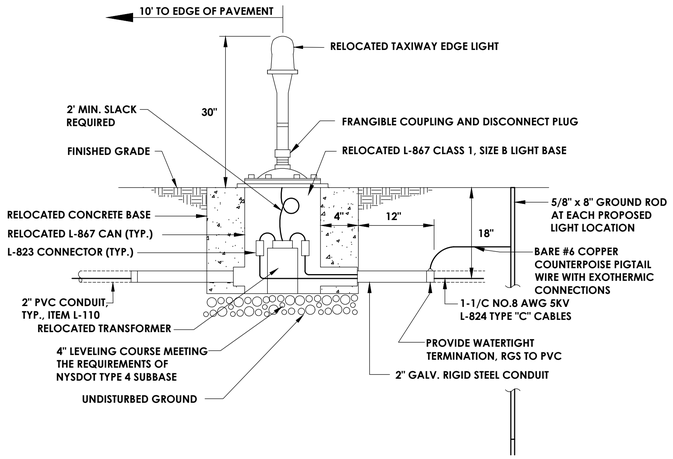
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Utility Details - Sheet 4

C-514

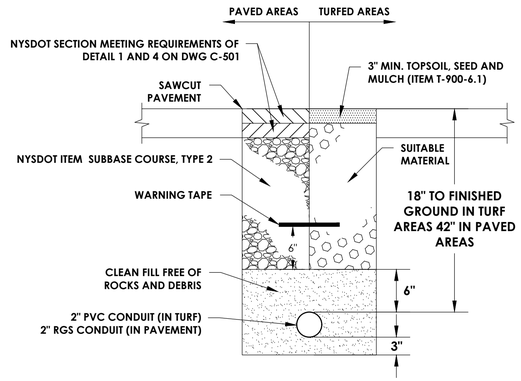
April 2025

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1 BASE MOUNTED TAXIWAY EDGE LIGHT DETAIL

SCALE: NTS

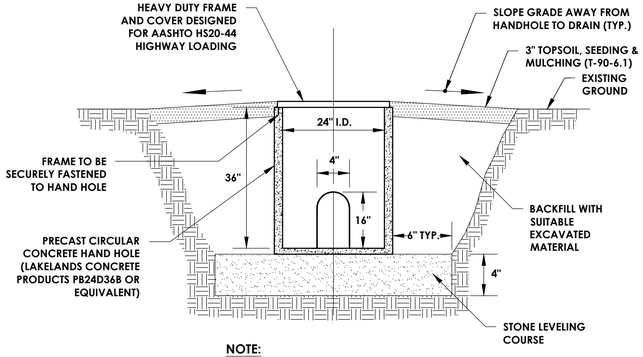


NOTES:

1. SEE COUNTERPOISE INSTALLATION DETAIL FOR SEPARATE COUNTERPOISE WIRE TRENCH.

2 TYPICAL TRENCH AND CONDUIT DETAIL

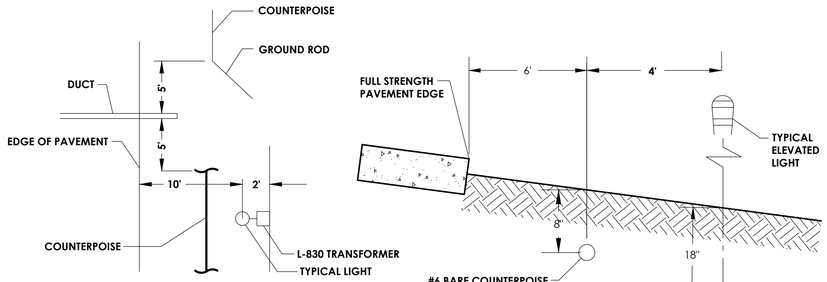
SCALE: NTS



NOTE:
EACH CABLE WITHIN THE HANDHOLE SHALL BE LABELED WITH A NON-METALLIC TAG APPROVED BY THE ENGINEER.

3 24" Ø ELECTRICAL MANHOLE

SCALE: NTS

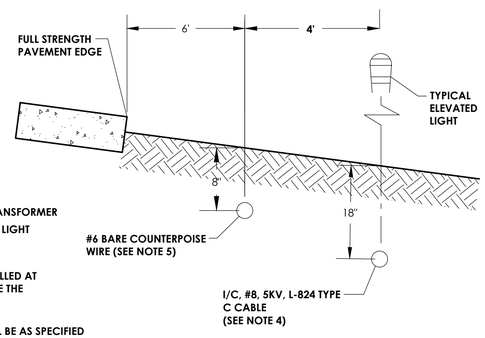


PLAN VIEW

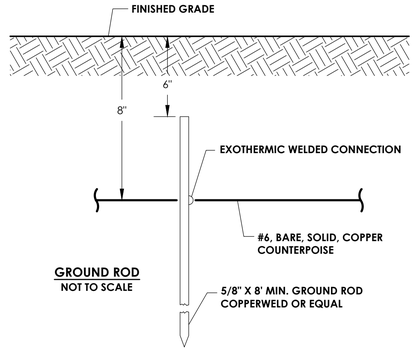
#6 BARE COUNTERPOISE WITH 5/8" X 8' GROUND ROD INSTALLED AT MAX. 500' SPACING. ALSO USE GROUND ROD TO TERMINATE THE COUNTERPOISE AT BOTH END OF DUCT

NOTES:

1. TYPE AND MINIMUM NUMBER OF GROUND RODS SHALL BE AS SPECIFIED ABOVE.
2. THE RESISTANCE TO GROUND OF THE COUNTERPOISE GROUNDING SYSTEM SHALL NOT EXCEED 25 OHMS.
3. COST OF GROUND RODS IS INCIDENTAL TO THE ASSOCIATED ITEMS REQUIRING GROUNDING UNLESS OTHERWISE SPECIFIED.
4. SEE TRENCH AND CONDUIT DETAIL FOR FURTHER INFORMATION.
5. THE COST FOR ITEM COUNTERPOISE SHALL INCLUDE TRENCHING AND BACKFILL.



PROFILE VIEW
LIGHT AND INSTALLATION DETAIL



GROUND ROD
NOT TO SCALE

4 COUNTERPOISE INSTALLATION

SCALE: NTS

NOTES:

1. FOUNDATION SHOWN IS A TYPICAL DESIGN. WIND LOADS OF MORE THAN 90 MPH AND UNSTABLE SOIL MAY REQUIRE AN ALTERNATE DESIGN. CONTRACTOR SHALL ADVISE ENGINEER OF UNSTABLE SOIL CONDITIONS.
2. FOUNDATIONS SHALL EXTEND BELOW FROST DEPTH PER LOCAL CODES.

5 LIGHT POLE AND BASE DETAIL

SCALE: NTS

PASSERO engineering architecture
1A Pine West Plaza
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Albany, NY 12205
Telephone: (866) 764-7616
Principal-in-Charge: Andrew Holesko
Project Manager: Matt Nissen, P.E.
Designed by: LDS, ZJH

Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:

STATE OF NEW YORK · MATTHEW JAMES NISSEN · 104260 · LICENSED PROFESSIONAL ENGINEER

Site:

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263 New Hackensack Rd.
Wappingers Falls, NY 12590

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Revisions:

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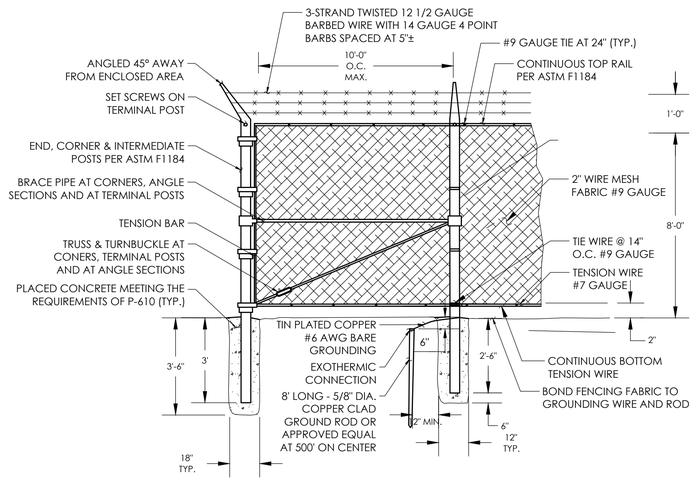
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Electrical Details

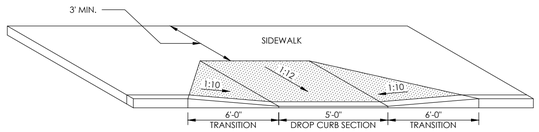
C-515

April 2025

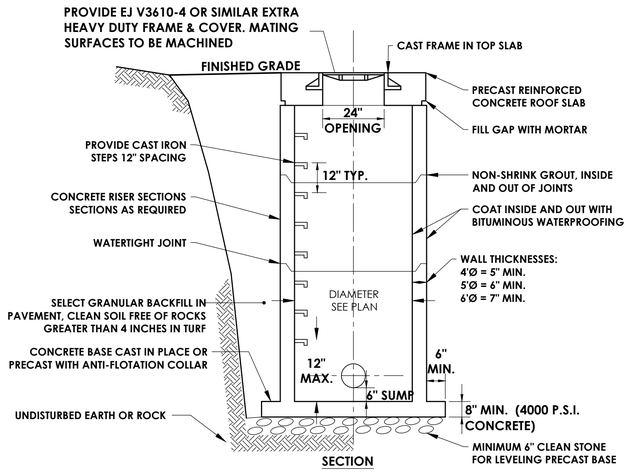
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1 8' HIGH CHAIN LINK FENCE
SCALE: NTS



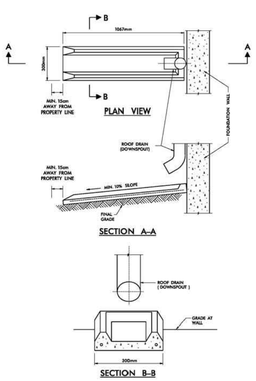
5 TYPICAL HANDICAP RAMP
SCALE: NTS



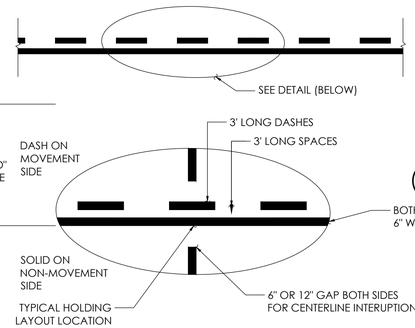
NOTES:

1. PRECAST CATCH BASINS AND MANHOLES SHALL BE DESIGNED FOR HS-20-44 VEHICLE LOADING.
2. MANHOLE DIAMETERS SPECIFIED ON UTILITY PLANS.
3. STANDARD CAST IRON MANHOLE STEPS SHALL BE PLACED AT THE PLANT.
4. CONTRACTOR IS RESPONSIBLE FOR WATER TIGHTNESS OF MANHOLE.
5. USE MANHOLE ADJUSTMENT RINGS AS NEEDED. MAXIMUM, 3 COURSES.

6 PRECAST STORM MANHOLE
SCALE: NTS

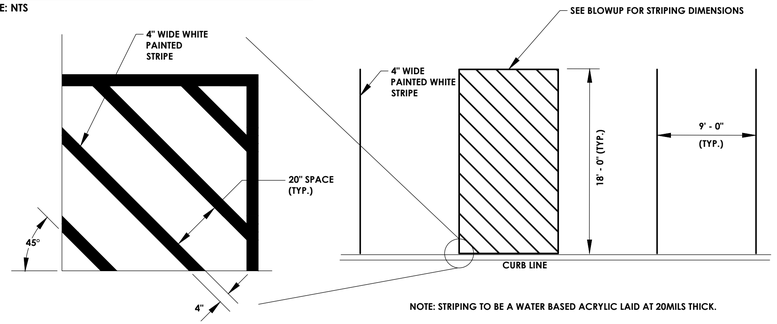


1067mm x 300mm
CONCRETE SPLASH PAD DETAIL



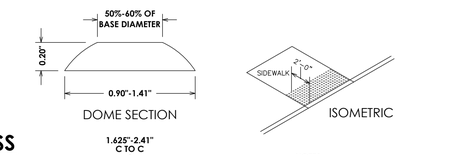
2 NON-MOVEMENT AREA MARKING
SCALE: NTS

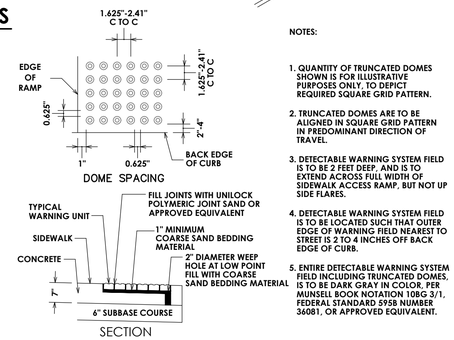
3 MODIFIED INTERNATIONAL SYMBOL OF ACCESS
SCALE: NTS



NOTE: STRIPING TO BE A WATER BASED ACRYLIC LAID AT 20MILS THICK.

7 TYPICAL PARKING AREA STRIPING DETAIL
SCALE: NTS





NOTES:

1. QUANTITY OF TRUNCATED DOMES SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY. TO DEPICT REQUIRED SQUARE GRID PATTERN.
2. TRUNCATED DOMES ARE TO BE ALIGNED IN SQUARE GRID PATTERN IN PREDOMINANT DIRECTION OF TRAVEL.
3. DETECTABLE WARNING SYSTEM FIELD IS TO BE 2 FEET DEEP, AND IS TO EXTEND ACROSS FULL WIDTH OF SIDEWALK ACCESS RAMP, BUT NOT UP SIDE FLARES.
4. DETECTABLE WARNING SYSTEM FIELD IS TO BE LOCATED SUCH THAT OUTER EDGE OF WARNING FIELD NEAREST TO STREET IS 2 TO 4 INCHES OFF BACK EDGE OF CURB.
5. ENTIRE DETECTABLE WARNING SYSTEM FIELD INCLUDING TRUNCATED DOMES, IS TO BE DARK GRAY IN COLOR. PER MUNSELL BOOK NOTATION 10BG 3/1, FEDERAL STANDARD 595B NUMBER 36081, OR APPROVED EQUIVALENT.

4 DETECTABLE WARNING SYSTEM
SCALE: NTS

GENERAL SPECIFICATIONS

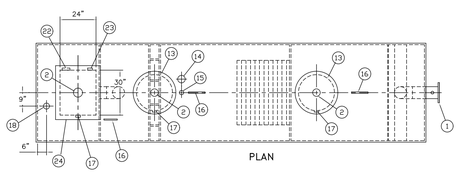
NO. REQ'D: (1)
CAPACITY: 3000 GALLONS
TYPE: HTC-J, HIGHGUARD, DW TYPE I 360
MATERIAL: MILD CARBON STEEL
FLOW RATE: 300 GPM
GAUGE: BASED ON 60" MAX BURIAL

	INNER	OUTER
SHELL–	7 GA.	10 GA.
HEADS–	7 GA.	10 GA.

SURFACE PREP:
SSPC NO.6 BLAST ALL EXTERIOR SURFACES
SSPC NO.10 BLAST ALL INTERIOR OF WATER CHAMBER ONLY

COATING:	MATERIAL	THICKNESS
EXTERIOR–	HIGHGUARD	(75 MILS)
INTERIOR–	POLYURETHANE INTERIOR OF WATER CHAMBER	(15 MILS)

CONSTRUCTION :
LAP FIT & WELD ALL EXTERIOR SEAMS
OPERATING PRESSURE : ATMOSPHERIC



PROVIDED EQUIPMENT

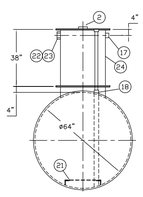
1. 150# R.F.S.O. FLANGE W/ 2" FNPT FOR VENT
2. 4"ø FNPT FOR GAUGE WITH PLUG
3. VELOCITY HEAD DIFFUSION BAFFLE
4. WEAR PLATE
5. SEDIMENT CHAMBER
6. UNDERFLOW BAFFLE (REMOVABLE)
7. SLUDGE BAFFLE
8. STRIKER PLATES
9. PARALLEL CORRUGATED PLATE COALESCER. CORELLA PVC PLATES (3" PLATE SPACING)
10. OIL/WATER SEPARATOR CHAMBER
11. 6" THICK PETROSCREEN COALESCER MATERIAL INSTALLED W/ PULL ROD SHIPPED LOOSE
12. STEEL TRANSFER PIPE W/ DOWNCOMER
13. 24"ø MANWAY WITH NEO-CORK GASKETS. BOLT-ON EXTENSION SHIPPED LOOSE
14. 4"ø FNPT FOR OIL PUMP-OUT WITH INTERNAL PVC PIPE INSTALLED & RISER PIPE SHIPPED LOOSE
15. 2"ø FNPT FOR LEVEL SENSOR WITH RISER PIPE SHIPPED LOOSE
16. LIFTING LUG
17. 2"ø FNPT FOR VENT
18. 2"ø FNPT FOR LEAK SENSOR WITH RISER PIPE SHIPPED LOOSE
19. 7 GA. BULKHEAD
20. EFFLUENT WATER CHAMBER
21. PUMP MOUNT
22. 4" FNPT FOR EFFLUENT PUMP CONDUIT AND WIRING
23. 2" FNPT FOR EFFLUENT LEVEL SENSOR CONDUIT AND WIRING
24. RECTANGULAR MANWAY WITH CLOSED CELL SPONGE GASKET. BOLT-ON EXTENSION SHIPPED LOOSE

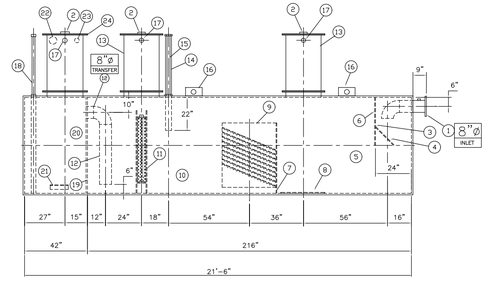
ANCILLARY PROVIDED EQUIPMENT

(4) 24" NEO-CORK MANWAY GASKETS
(4) SETS OF NUTS/BOLTS/WASHERS FOR 24" MANWAY
(1) 24"x30" CLOSED CELL FOAM MANWAY GASKET
(1) 24"x30" RUBBER RIBBON MANWAY GASKET
(2) SETS OF NUTS/BOLTS/WASHERS FOR 24"x30" MANWAY

NOTES

1. POLYURETHANE HIGHGUARD TANK IS NOT APPROVED FOR THE STORAGE OF HEATED PRODUCTS
2. ALL VENT PIPING BY INSTALLER
3. 15000 VOLT SPARK TEST PROVIDED AT FACTORY
4. CUSTOMER TO PROVIDE EFFLUENT PUMPING INFORMATION FOR PROPER PUMP SIZING & PUMPOUT DESIGN





NOTE :
ALL RIGHTS RESERVED. THIS DRAWING OR ANY PART THEREOF MUST NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF HIGHLAND TANK.
HIGHLAND TANK SHALL BE RESPONSIBLE ONLY FOR ITEMS INDICATED ON THIS FABRICATION DRAWING UNLESS OTHERWISE NOTED. CUSTOMER IS RESPONSIBLE FOR VERIFYING CORRECTNESS OF SIZE / LOCATION OF FITTINGS , ACCESSORIES & COATINGS SHOWN ON THIS DRAWING

REVISIONS

Highland Tank
U.S. Patent #4,722,800 Canadian Patent # 1,296,263

3000 GALLON OIL WATER SEPARATOR
HTC-J, HIGHGUARD, DW TYPE I 360

CUSTOMER:
PROJECT:
QUOTE NO:
CHK'D BY:

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE ± OR – 1"	SCALE: 3/8"=1'-0"	DATE:	DWG. BY:	DWG. NO.: 03000HGDWHTCJ

OIL/WATER SEPARATORS ARE NOT PART OF DCDOH APPROVAL

8 3000 GAL OIL/WATER SEPARATOR

PASSERO engineering architecture
1A Pine West Plaza
Washington Avenue Extension
Albany, NY 12205
Telephone: (866) 764-7616
Principal-in-Charge: Andrew Holesko
Project Manager: Matt Nissen, P.E.
Designed by: LDS, ZJH

Project:
SKY HARBOUR HANGAR DEVELOPMENT

Stamp:
STATE OF NEW YORK · MATTHEW JAMES NISSEN · 104260 · LICENSED PROFESSIONAL ENGINEER

Site:
Hudson Valley Regional Airport
263 New Hackensack Rd.
Wappingers Falls, NY 12590

Client:
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136 Tower Rd., Suite 205
White Plains, NY 10604

Revisions:

MARK	DATE	DESCRIPTION

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CHECKED BY: MJN

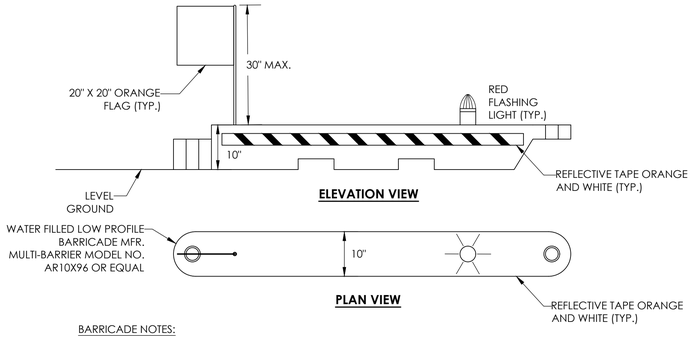
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Sheet Title:
Miscellaneous Details

C-521

April 2025

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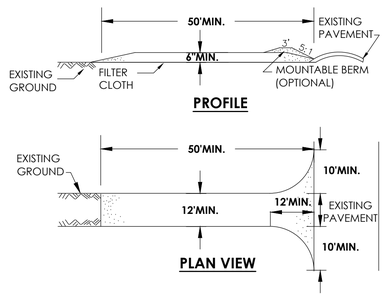


BARRICADE NOTES:

1. EACH UNIT SHALL INCLUDE RED STANDARD OMNI DIRECTIONAL LIGHT, 20" ORANGE FLAG AND 3M HIGH REFLECTIVE ORANGE TAPE.
2. INSTALL A MINIMUM OF 1 RED SOLAR LIGHT EQUALLY SPACED PER EACH 8' LONG BARRICADE. LIGHT SHALL MAINTAIN SUCH INTENSITY SO AS TO BE READILY IDENTIFIED FROM DISTANCE OF 200' OR GREATER DURING DARKNESS PERIODS.
3. A MINIMUM OF 1 FLAG NO MORE THAN 18" SQUARE MOUNTED TO THE BARRICADE AND NO MORE THAN 30" HIGH SHALL BE AFFIXED FOR EACH SPAN OF BARRICADES. FLAGS SHALL BE AVIATION ORANGE (FED-STD-595, NO. 12197).
4. THE USE OF "HOMEMADE" BARRICADES IS UNACCEPTABLE.
5. SPARE LIGHT/FLAGS MUST BE KEPT ON SITE.
6. THE BARRICADES SHALL BE WEIGHTED AGAINST JETBLAST AND CAPABLE OF WITHSTANDING UP TO 110 M.P.H. WIND FORCE.
7. BARRICADES SHOULD BE SPACED TO HAVE NO MORE THAN 4' OPEN BETWEEN EACH BARRICADE.

1 LOW PROFILE CONSTRUCTION BARRICADE

SCALE: NTS

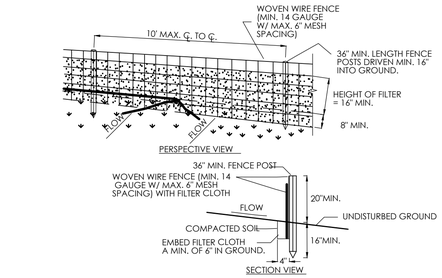


CONSTRUCTION SPECIFICATIONS:

1. STONE SIZE - USE 2" CRUSHER RUN STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

2 STABILIZED CONSTRUCTION ENTRANCE

SCALE: NTS

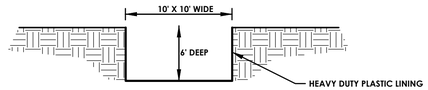


CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 14 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

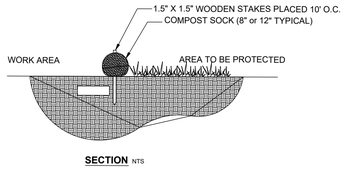
3 SILT FENCE FOR TEMPORARY EROSION CONTROL

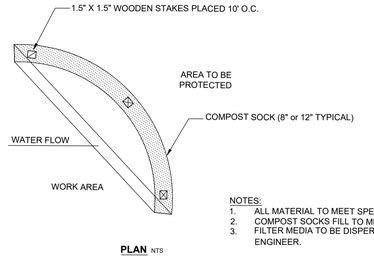
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4 CONCRETE WASHOUT AREA

SCALE: NTS

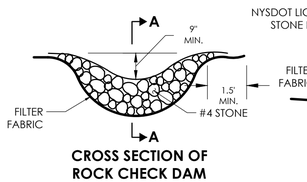




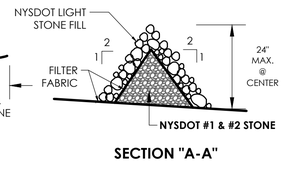
NOTES:
1. ALL MATERIAL TO MEET SPECIFICATIONS.
2. COMPOST SOCKS FILL TO MEET APPLICATION REQUIREMENTS.
3. FILTER MEDIA TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

5 COMPOST SOCKS FOR SEDIMENT CONTROL

SCALE: NTS



CROSS SECTION OF ROCK CHECK DAM



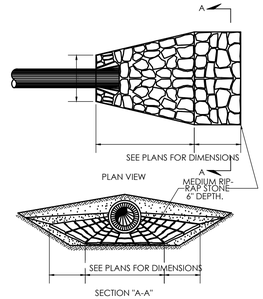
SECTION "A-A"

NOTES:

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION AT THE LOCATIONS SHOWN IN THE PLAN.
2. EXTEND THE STONE A MIN. OF 1.5 FEET BEYOND THE CHANNEL BANKS TO PREVENT CUTTING AROUND THE DAM.
3. REMOVE DAM OR WASTE STONE IN BOTTOM OF CHANNEL WHEN SITE IS STABILIZED.

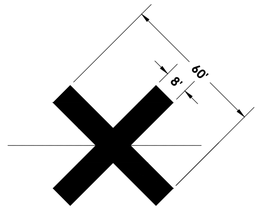
6 TEMPORARY CHECK DAM

SCALE: NTS



7 STONE RIP RAP DETAIL

SCALE: NTS

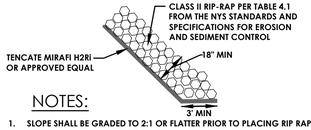


NOTES:

1. **SECURELY ANCHOR CLOSED RUNWAY MARKER TO TURF RUNWAY WITH SAND BAGS.**
2. **RUNWAY CLOSED MARKER SHALL BE AS MANUFACTURED BY NEUBART AERO CORP. OR APPROVED EQUAL.**

8 TEMPORARY UNLIT RUNWAY CLOSURE MARKER

SCALE: NTS



NOTES:

1. **SLOPE SHALL BE GRADED TO 2:1 OR FLATTER PRIOR TO PLACING RIP RAP.**
2. **PLACE THE FABRIC DIRECTLY ON THE PREPARED FOUNDATION. OVERLAP THE EDGES BY AT LEAST 2 FEET. BURY THE UPPER AND LOWER ENDS OF THE FABRIC A MINIMUM OF 12 INCHES BELOW GROUND. TAKE PRECAUTIONS NOT TO DAMAGE THE FABRIC BY DROPPING THE RIPRAP. IF DAMAGE OCCURS, REMOVE THE RIPRAP AND REPAIR THE SHEET BY ADDING ANOTHER LAYER OF FILTER FABRIC WITH A MINIMUM OVERLAP OF 12 INCHES AROUND THE DAMAGED AREA.**
3. **PLACEMENT OF THE RIPRAP SHOULD FOLLOW IMMEDIATELY AFTER PLACEMENT OF THE FILTER FABRIC. PLACE RIPRAP SO THAT IT FORMS DENSE, WELL-GRADED MASS OF STONE WITH A MINIMUM OF VOIDS. THE DESIRED DISTRIBUTION OF STONES THROUGHOUT THE MASS MAY BE OBTAINED BY SELECTIVE LOADING AT THE QUARRY AND CONTROLLED DUMPING DURING FINAL PLACEMENT. PLACE RIPRAP TO ITS FULL THICKNESS IN ONE OPERATION. DO NOT PLACE RIPRAP BY DUMPING THROUGH CHUTES OR OTHER METHODS THAT CAUSE SEGREGATION OF STONE SIZES. BE CAREFUL NOT TO DISLODGE THE UNDERLYING BASE OR FILTER WHEN PLACING THE STONES.**
4. **ENDS OF THE RIP RAP SHALL BE KEYED INTO A STABLE BANK. WHEN TYING INTO OTHER STRUCTURES, LARGER RIPRAP CAN BE LAID IN STEPS OR STACKED AS NEEDED TO FIT. STONES LARGER THAN THOSE DESIGNATED FOR FLOW (12") SHALL BE USED FOR THIS PURPOSE.**

9 RIP RAP SLOPE STABILIZATION

SCALE: NTS

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Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:

STATE OF NEW YORK · MATTHEW JAMES NISSEN · LICENSED PROFESSIONAL ENGINEER · 104260

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Client:

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White Plains, NY 10604

Revisions:

MARK	DATE	DESCRIPTION

PROJECT NO: 23000149.0019
CAD DWG FILE: 23000149.0019 Details.dwg
DRAWN BY: AG, ZJH
CHECKED BY: MJN

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C-531

April 2025

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DEMOLITION NOTES:

1. CONTRACTOR IS RESPONSIBLE TO CALL DIG SAFE 811 PRIOR TO BEGINNING DEMOLITION.
2. PRIOR TO ANY DEMOLITION TAKING PLACE, CONTRACTOR TO VERIFY LOCATION AND DEPTH OF ALL UTILITIES WITHIN THE WORK AREA OR THOSE EXPECTED TO BE AFFECTED BY NEW WORK, AND SUBSURFACE FEATURES.
3. CONTRACTOR TO COORDINATE ALL UTILITY SHUT DOWNS, RELOCATIONS, SERVICE INSTALLATIONS WITH THE LOCAL UTILITY COMPANIES AND AIRPORT.
4. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLISHED MATERIAL IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
5. ALL EXISTING FEATURES TO BE REMOVED ARE NOT SHOWN ON SUBSEQUENT PLANS FOR CLARITY.
6. CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES TO REMAIN. DAMAGE TO EXISTING FEATURES TO REMAIN SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
7. ALL SURFACES THAT ARE DISTURBED DUE TO UTILITY CONSTRUCTION, OUTSIDE OF THE MAJOR WORK AREAS, ARE TO BE RESTORED TO PRE-CONSTRUCTION CONDITION, IN ACCORDANCE WITH THE ASPHALT AND CONCRETE SECTION DETAILS INCLUDED IN THESE PLANS. LAWN AREAS ARE TO BE RE-ESTABLISHED WITH 4 INCHES OF TOPSOIL (MINIMUM) AND HYDROSEED.
8. ANY MATERIALS CONTAINING ASBESTOS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. NOTE THIS MAY INCLUDE UNDERGROUND UTILITIES.
9. ALL UTILITIES NOT SLATED FOR DEMOLITION ARE TO REMAIN FUNCTIONAL UPON COMPLETION OF DEMOLITION. THIS INCLUDES BYPASS PUMPING, IF NECESSARY.
10. EXISTING UTILITIES THAT ARE PROPOSED TO BE REMOVED, UNLESS OTHERWISE INDICATED, SHALL BE EXCAVATED, UTILITY MATERIAL REMOVED, AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE SPECIFICATIONS. ALL TRENCHES SHALL BE BACKFILLED WITH GRANULAR FILL, COMPACTED IN 12" LIFTS TO 95% MODIFIED PROCTOR TEST. ALL DISTURBED AREAS SHALL BE RESTORED IN KIND IN ACCORDANCE WITH THE DETAILS IN THESE PLANS AND AT A MINIMUM TO THEIR ORIGINAL STATE.
11. AREAS OF ASPHALT AND CONCRETE REMOVAL SHALL BE SAWCUT WITH A NEAT STRAIGHT LINE AT ALL REMOVAL LIMITS.
12. CONTRACTOR RESPONSIBLE FOR OBTAINING ALL DEMOLITION PERMITS AND INCLUDE ALL FEES ASSOCIATED WITH THOSE PERMITS, IN HIS BID.
13. IF ANY ENVIRONMENTAL CONDITIONS OR ISSUES, NOT PREVIOUSLY IDENTIFIED, ARE ENCOUNTERED DURING DEMOLITION, THE OWNER AND THE CONTRACTORS(S) SHALL IMMEDIATELY NOTIFY THE AIRPORT, COUNTY HEALTH DEPARTMENT AND NYSDEC BEFORE CONTINUING THE DEMOLITION PROCESS.

UTILITY CONTRACTOR COORDINATION NOTES:

1. PRIOR TO THE START OF UTILITY INSTALLATION THE CONTRACTOR AND SUBCONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL UTILITY CONNECTIONS WITH MECHANICAL/ARCHITECTURAL DRAWINGS FOR INCLUDING BUT NOT LIMITED TO VERTICAL AND HORIZONTAL LOCATION, PENETRATIONS, AND SIZES. THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROCEED WITH UTILITY INSTALLATION BY THE OWNERS ONSITE REPRESENTATIVE UPON COMPLETION OF COORDINATION WITH CONTRACTORS, AND PLANS.
2. THE DEVELOPER AND HIS/HER CONTRACTOR IS RESPONSIBLE FOR COORDINATING GAS, ELECTRICAL, CABLE, TELEPHONE AND ANY OTHER UTILITIES NOT SPECIFICALLY SHOWN WITHIN THIS PLAN SET WITH APPROPRIATE AGENCY. PASSERO ASSOCIATES ASSUMES NO RESPONSIBILITY FOR THE DESIGN OR PERFORMANCE OF UTILITIES NOT SPECIFICALLY SHOWN WITHIN THIS PLAN SET.
3. PRIOR TO THE START OF UTILITY INSTALLATION THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY AND COORDINATE WITH EXISTING UTILITIES SHOWN ON THE PLANS AND REPORT ANY DISCREPANCIES TO THE DESIGN ENGINEER. THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROCEED WITH UTILITY INSTALLATION BY THE OWNERS ONSITE REPRESENTATIVE UPON COMPLETION EXISTING UTILITY VERIFICATION.
4. THE CONTRACTOR IS REQUIRED TO COORDINATE WITH SITE CONTRACTOR/PLUMBER & SEWER CONTRACTOR TO PREDETERMINE THE NECESSARY WYE & CLEANOUT LOCATION ON THE STORM SEWER SYSTEM. THE STORM SEWER SYSTEM IS RECOMMENDED AND MAY BE MODIFIED TO PROVIDE ADEQUATE ROOF DRAINAGE CONNECTIONS.
5. THRUST BLOCKS ON THE WATERMAIN ARE REQUIRED AT BENDS, TEES OR PLUGS. SEE DETAIL SHEETS FOR THRUST BLOCK DETAILS.

STORM NOTES

1. PROPOSED STORM SEWER LATERAL MATERIAL:
   PVC SDR-35 6" MIN. SIZE & SHALL BE LAID AT A MINIMUM GRADE OF 1/4" PER FT.
2. DOWNSPOUTS SHALL BE CONNECTED TO STORM SEWER WHERE APPLICABLE. WHERE NOTED ON THE PLANS DOWNSPOUTS SHALL DISCHARGE TO SPLASH BLOCKS.
3. UPON COMPLETION OF SYSTEM INSTALLATION, THE MAIN SEWER SYSTEM AND LEADS TO STRUCTURES SHALL BE FLUSHED AND LAMPED OR MANDREL TESTED TO THE SATISFACTION OF THE MUNICIPALITY.

SANITARY NOTES

1. SANITARY SEWERS AND APPURTENANCES SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE LATEST REGULATIONS OF THE STATE, COUNTY AND LOCAL MUNICIPALITY
2. MATERIALS
   - MAINS - PIPING SHALL BE POLYVINYL CHLORIDE (PVC) WITH ENDS SUITABLE FOR ELASTOMERIC GASKET JOINTS, AND A MINIMUM WALL THICKNESS OF SDR-35. PIPING AND FITTINGS SHALL MEET:
     ASTM D-3034 (4" THRU 15")
     ASTM F-679 (18" THRU 48")
   - LATERALS - 6" MIN. INSTALLED AT $\frac{1}{4}$" PER FOOT MIN. PIPING SHALL BE POLYVINYL CHLORIDE (PVC) WITH ENDS SUITABLE FOR ELASTOMERIC GASKET JOINTS, AND A MINIMUM WALL THICKNESS OF SDR-35. PIPING AND FITTINGS SHALL MEET ASTM D-2241.
   - JOINTING MATERIALS - SHALL BE BELL-AND-SPIGOT WITH INTEGRAL PUSH ON TYPE ELASTOMERIC GASKET JOINTS, GASKET MATERIAL TO BE NEOPRENE MEETING ASTM D-3212.
   - MANHOLES - SHALL BE PRECAST CONCRETE WITH NEOPRENE GASKETS MEETING ASTM C-478 & ASTM C-443.
3. INFILTRATION AND EXFILTRATION FOR SANITARY SEWERS SHALL BE LIMITED TO 100 GALLONS PER MILE PER INCH DIAMETER OF PIPE PER 24 HOURS.
4. IF AN AIR TEST IS USED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM C-828-80, ENTITLED STANDARD PRACTICE FOR LOW PRESSURE AIR TEST OF VITRIFIED CLAY PIPELINES; SANITARY MANHOLES SHALL BE TESTED FOR EXFILTRATION.
5. DEFLECTION TEST - TEN STATE STANDARDS.
   - 5.A. DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS.
   - 5.B. IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDRELL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
   - 5.C. NO PIPE SHALL EXCEED A DEFLECTION OF 5%.
6. FLOOR DRAINS, SHALL BE CONNECTED TO THE OIL/WATER SEPARATOR.
7. SEPARATION - MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES SHALL BE 18 INCHES MEASURED FROM THE OUTISDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PASSES UNDER A SEWER ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES. MANHOLES OR VAULTS.

GENERAL NOTES

1. THE SANITARY WASTE DISPOSAL SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF THE NEW YORK STATE AND DUTCHESS COUNTY HEALTH DEPARTMENTS.
2. WATER SERVICE WILL BE INSTALLED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE DUTCHESS COUNTY WATER AUTHORITY.
3. THE BUILDING CONSTRUCTION TO BE IN COMPLIANCE WITH THE NEW YORK STATE BUILDING CODE.
4. ANY COST RELATED TO THE RELOCATION OF ANY UTILITIES NECESSITATED BY THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE OWNER OR THOSE REQUESTING THE RELOCATION OF THE UTILITY.
5. ALL LEASE LINE CORNERS TO BE MARKED WITH IRON PINS.

STANDARD WATER MAIN EXTENSION NOTES:

1. THE WATER MAIN PIPELINE SHALL BE DISINFECTED EQUAL TO AWWA STANDARD FOR DISINFECTING WATER MAINS DESIGNATION C651 (LATEST REVISION). FOLLOWING DISINFECTION, THE WATER MAIN PIPELINE SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM.
   ALL WATER MAIN PIPE FITTINGS NOT RECEIVING 24-HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SWAB-DISINFECTED 30 MINUTES PRIOR TO INSTALLATION.
   THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING.
   FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS.
   THE DUTCHESS COUNTY DEPARTMENT OF HEALTH MUST RECEIVE AT LEAST 48-HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. SAMPLING WILL NOT BE PERFORMED PRIOR TO RECEIPT FROM A NEW YORK STATE LICENSED OR REGISTERED DESIGN PROFESSIONAL (ENGINEER, ARCHITECT OR LAND SURVEYOR WITH A SPECIAL EXEMPTION UNDER SECTION 7208(N) OF THE EDUCATION LAW) CERTIFYING THAT THE WATER SUPPLY IMPROVEMENTS, TESTING AND DISINFECTION PROCEDURES WERE COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS, REPORTS, SPECIFICATIONS AND ANY APPROVED AMENDMENTS. THE DEPARTMENT WILL COLLECT SAMPLES FOR FREE CHLORINE RESIDUAL, TOTAL COLIFORM, ESCHERICHIA COLI (E. COLI) AND TURBIDITY.
   THE WATER MAIN PIPE AND APPURTENANCES SHALL NOT BE PLACED INTO SERVICE UNTIL SO AUTHORIZED BY THE DUTCHESS COUNTY DEPARTMENT OF HEALTH.
2. MINIMUM VERTICAL SEPARATION BETWEEN WATER MAIN PIPELINES AND SEWER PIPELINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN PIPE SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PIPELINE PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAIN PIPES AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.
3. WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN SEVEN (7) FEET OF THE FINISHED GRADE, FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED.
4. THE WATER MAIN PIPELINE AND APPURTENANCES SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600, C602, C604, OR C605 (MOST RECENT VERSION AS APPLICABLE) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER.

CONSTRUCTION SEQUENCE FOR GRADING AND EROSION CONTROL:

1. FOUR (4) HOUR NYSDEC EROSION CONTROL TRAINING COURSE COMPLETION AND CERTIFICATION REQUIRED BY CONTRACTOR OR CONTRACTORS ON SITE REPRESENTATIVE PRIOR TO CONSTRUCTION START.
2. DUTCHESS COUNTY WINTER SHUTDOWN PERIOD IS TYPICALLY NOVEMBER 15 THROUGH MARCH 15. CONTRACTOR RESPONSIBLE FOR SUBMISSION OF A WINTER SHUTDOWN REQUEST FORM TO DUTCHESS COUNTY. REFER TO APPENDIX M OF THE STORMWATER POLLUTION PREVENTION PLAN FOR A COPY OF THE FORM AND COVERAGE REQUIREMENTS TO ACHIEVE WINTER SHUTDOWN.
3. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
4. CONSTRUCT STORMWATER MANAGEMENT AREA AND EROSION CONTROL MEASURES AS SHOWN ON THE PLANS.
5. CONSTRUCT DRAINAGE SWALES AS SHOWN.
6. STRIP TOPSOIL AND STOCKPILE FOR LATER USE.
7. GRADE IMPROVEMENTS AREAS WITHIN THE PROJECT SITE. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 7 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 7 DAYS OF THE LAST DISTURBANCE.
8. REPLACE TOPSOIL AND FINE GRADE.
9. HYDRO-SEED ALL DISTURBED AREAS WITHIN 10 DAYS AFTER FINAL GRADING, CONTRACTOR IS RESPONSIBLE TO RESEED IF GRADING IS UNSATISFACTORY.
10. UPON APPROVAL OF THE COUNTY, REMOVE ALL TEMPORARY SILTATION CONTROLS.
11. SLOPES SHALL NOT EXCEED 1' VERTICAL TO 3' HORIZONTAL MAX. MAINTAIN 1:4 WHERE POSSIBLE.
12. MINIMUM OF 4" OF TOPSOIL IS TO BE PLACED ON ALL GRASS AREAS.
13. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BASED UPON ACTUAL FIELD CONDITIONS AOBE. CONTRACTOR SHALL PROVIDE FOR THIS COST IN HIS CONTRACT.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SILTATION AND EROSION CONTROL MEASURES FROM INSTALLATION THROUGH MAINTENANCE AND REMOVAL AFTER REVEGETATION HAS BEEN ESTABLISHED.
15. ALL END SECTIONS WILL BE PROVIDED WITH RIP-RAP APRONS.
16. ALL EROSION AND SEDIMENT CONTROL METHODS WILL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

AT THE VERY MINIMUM, EROSION CONTROL SHALL BE AS SHOWN ON THIS PLAN. EROSION CONTROL MAY CONSIST OF SEDIMENT TRAPS AND/OR ENVIRONMENTAL FENCES. THE CONTRACTOR AND THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INTEGRITY, MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES UNTIL NO LONGER DEEMED NECESSARY BY THE COUNTY OR IT'S REPRESENTATIVE. THE CONTRACTOR SHALL MAINTAIN THE STORM SEWER SYSTEM UNTIL THE PROJECT IS DEVELOPED AND APPROVED BY THE TOWN AND OWNER.

ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER. THE PERMITTEE SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE STONE FILL. CORRECTIVE ACTIONS, AS IDENTIFIED BY THE DEVELOPER'S QUALIFIED SWPPP MONITOR OR A COUNTY REPRESENTATIVE, SHALL BE INITIATED WITHIN 24 HOURS OF BEING REPORTED. THE COUNTY MAY REVIEW THE PROJECT SITE AT ANY TIME. REVIEW OF EROSION CONTROL MEASURES BY THE COUNTY DOES NOT RELIEVE THE DEVELOPER OF HIS OBLIGATIONS UNDER THE NYSDEC SPDES GENERAL PERMIT FOR STORM WATER DISCHARGE FROM CONSTRUCTION ACTIVITY. (GP-0-20-001).

WINTER SHUTDOWN PERIOD IS GENERALLY NOVEMBER 15TH TO MARCH 15TH. DATES MAY FLUCTUATE DEPENDING ON THE WEATHER CONDITIONS. SEE APPENDIX M-2 OF SWPPP REPORT FOR A WINTER REQUEST SHUTDOWN FORM

RETAINING WALL NOTES:

1. IMMEDIATELY UPON AWARD OF CONTRACT, CONTRACTOR TO COORDINATE AND DETERMINE RETAINING WALL SUPPLIER TO PROVIDE A COMPLETE RETAINING WALL DESIGN.
2. CONTRACTOR TO COORDINATE WITH RETAINING WALL SUPPLIER TO RECEIVE ALL DESIGN DOCUMENTS FOR RETAINING WALL DESIGN WHICH INCLUDES DETAILS REGARDING THE GEOTECHNICAL, PLANS, AND ALL OTHER DOCUMENTS NEEDED FOR THE COMPLETE CONSTRUCTION OF THE RETAINING WALL.
3. RETAINING WALL SUPPLIER IS REQUIRED TO HAVE A NEW YORK STATE PROFESSIONAL ENGINEERING (P.E.) STAMP.

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Principal-in-Charge: Andrew Holesko
Project Manager: Matt Nissen, P.E.
Designed by: LDS, ZJH

Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:

STATE OF NEW YORK
MATTHEW JAMES NISSEN
104260
LICENSED PROFESSIONAL ENGINEER

Site:

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Client:

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136 Tower Rd., Suite 205
White Plains, NY 10604

Revisions:

MARK	DATE	DESCRIPTION

PROJECT NO: 23000149.0019
CAD DWG FILE: 23000149.0019 Details.dwg
DRAWN BY: AG, ZJH
CHECKED BY: MJN

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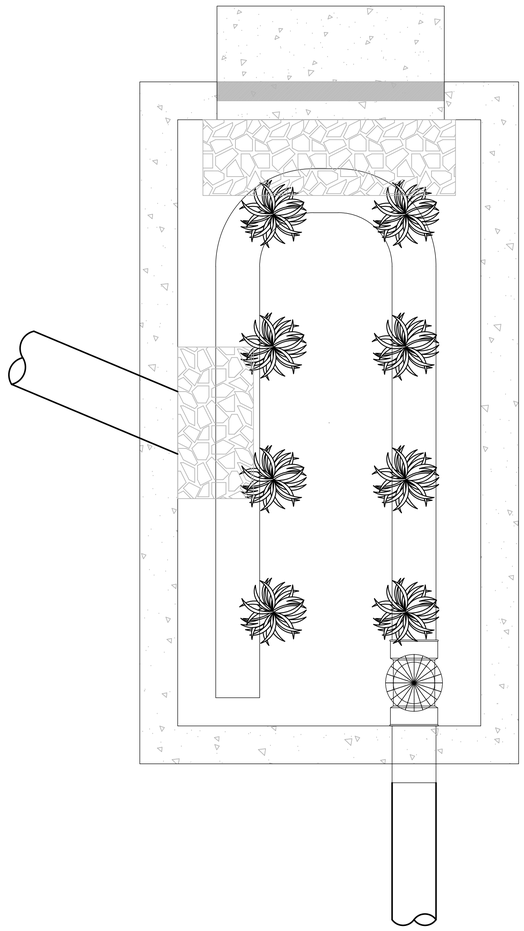
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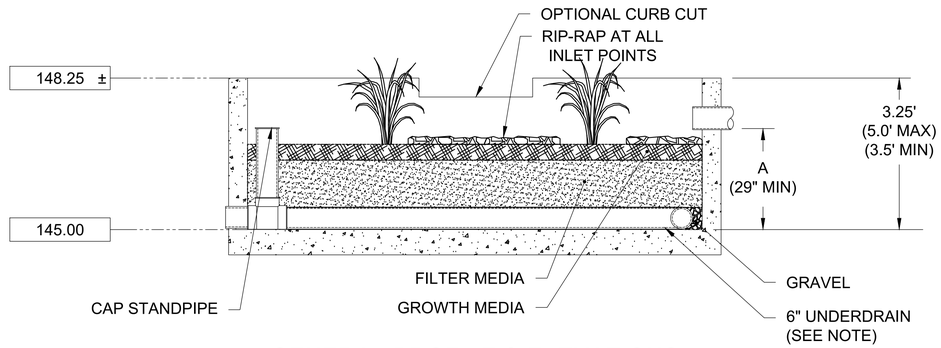
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April 2025

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NOTE: UNDERDRAIN SHOWN IS SCHEMATIC ONLY. FOR DETAILS ON UNDERDRAIN SIZING AND LAYOUT SEE ECOSTREAM INSTALLATION GUIDE FOR DETAILS, KIT NUMBER AND PLACEMENT OPTIONS





GENERAL PROFILE & ELEVATIONS

NTS / ASSUMES 6" WALL THICKNESS & 8" TOP SLAB

		SIZE	MATERIAL	INVERT	A
INLET	1	8	SCIPP	147.67	32.0"
	2				
	3				
	4				
OUTLET		6	PVC	145.00	

ECOSTREAM BIOFILTER ES32B (4' X 8')	MTD-1
WATER QUALITY FLOW RATE (CFS)	0.294
DRAINAGE AREA (ACRES)	0.903*

THE ECOSTREAM BIOFILTER™ IS A BIOFILTRATION STORMWATER TREATMENT TECHONOLOGY RELIES ON PHYSICAL, CHEMICAL AND BIOLOGICAL MECHANISMS TO REMOVE TOTAL SUSPENDED SOLIDS, TOTAL PHOSPHORUS, TOTAL NITROGEN, HEAVY METALS, OIL and GREASE, TRASH AND BACTERIA.

*Drainage area is based on 16.93 lb./ft2/ (270.8 lb./16 ft2/) of effective filtration treatment area and the equation in the NJDEP filtration protocol appendix, where drainage area is calculated based on 600 lbs. of mass contributed per acre of drainage area annually.
**NJDEP regulations limit the contributory drainage area for GI MTD'S to 2.5 acres.

PASSERO engineering architecture
1A Pine West Plaza
Washington Avenue Extension
Albany, NY 12205
Telephone: (866) 764-7616
Principal-in-Charge: Andrew Holesko
Project Manager: Matt Nissen, P.E.
Designed by: LDS, ZJH

Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:

STATE OF NEW YORK · MATTHEW JAMES NISSEN · 104260 · LICENSED PROFESSIONAL ENGINEER

Site:

Hudson Valley Regional Airport

263 New Hackensack Rd.
Wappingers Falls, NY 12590

Client:

Sky Harbour LLC
136 Tower Rd., Suite 205
White Plains, NY 10604

Revisions:

MARK	DATE	DESCRIPTION

PROJECT NO: 23000149.0019
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DRAWN BY: AG, ZJH
CHECKED BY: MJN

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Sheet Title:

ADS ECOSTREAM DETAILS

C-551

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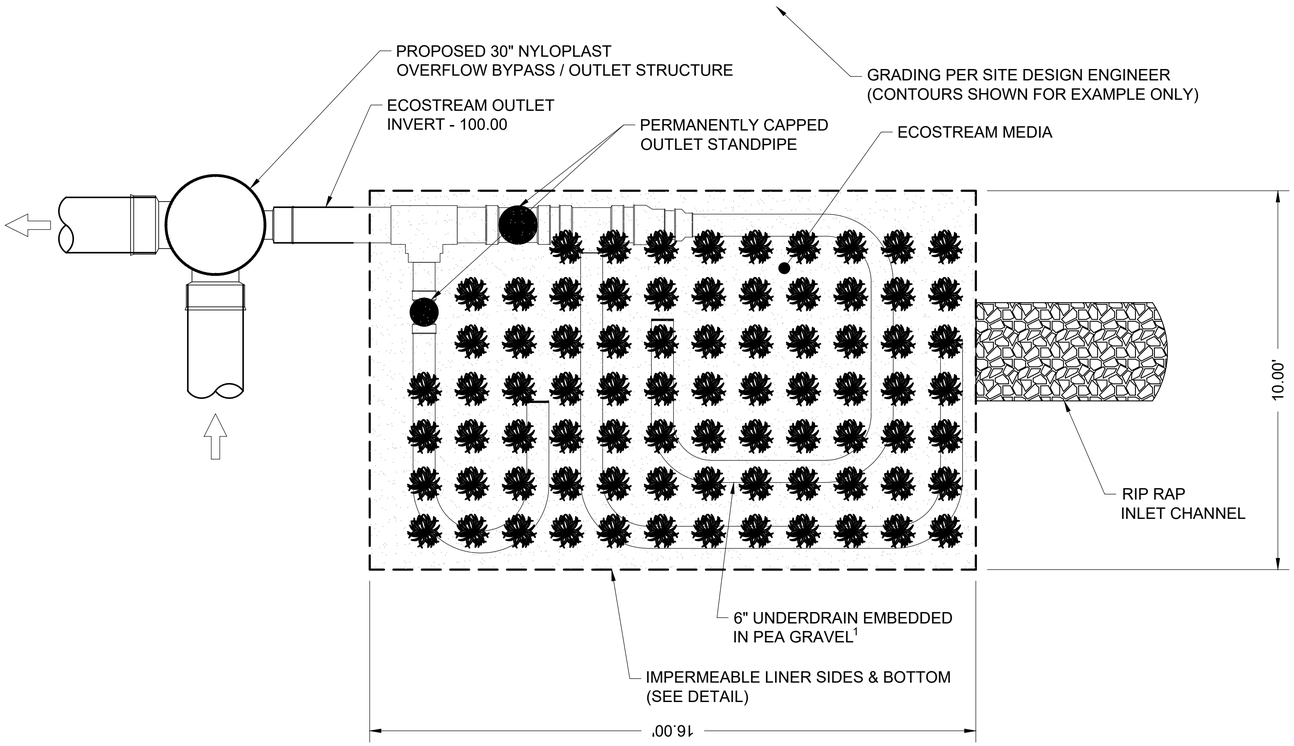
PROPOSED ECOSTREAM : ES160B	MTD-2
160	EFFECTIVE AREA (SQ FT)
1.470	TREATMENT RATE (CFS)
4.515**	DRAINAGE AREA (ACRES)
7.65	BYPASS FLOW RATE (CFS)

NOTES:

- THE ECOSTREAM BIOFILTER™ IS A BIOFILTRATION STORMWATER TREATMENT TECHNOLOGY THAT RELIES ON PHYSICAL, CHEMICAL AND BIOLOGICAL MECHANISMS TO REMOVE TOTAL SUSPENDED SOLIDS.
- THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND FINALIZE GRADING TO MEET SITE CONDITIONS.
- THE SITE DESIGN ENGINEER MUST REVIEW THE INLET CHANNEL AND FINALIZE THE DESIGN TO MEET SITE CONDITIONS.
- WATER SURFACE ELEVATION ESTIMATED BASED ON THE INLET CAPACITY OF THE NYLOPLAST GRATE AND THE PROVIDED BYPASS FLOW RATE PER THE SITE DESIGN ENGINEER. SITE DESIGN ENGINEER MUST REVIEW THE WATER SURFACE ELEVATION AND FINALIZE THE DESIGN TO MEET THE PROJECT DESIGN PARAMETERS.
- ADS DOES NOT DESIGN OR PROVIDE MEMBRANE LINER SYSTEMS. TO MINIMIZE THE LEAKAGE POTENTIAL OF LINER SYSTEMS, THE MEMBRANE LINER SYSTEM SHOULD BE DESIGNED BY A KNOWLEDGEABLE GEOTEXTILE PROFESSIONAL AND INSTALLED BY A QUALIFIED CONTRACTOR.
- ADS DOES NOT RECOMMEND PLACING THE LINED ECOSTREAM SYSTEM IN THE WATER TABLE. FOR ASSISTANCE PLEASE CONTACT ADS ENGINEERING SERVICES.

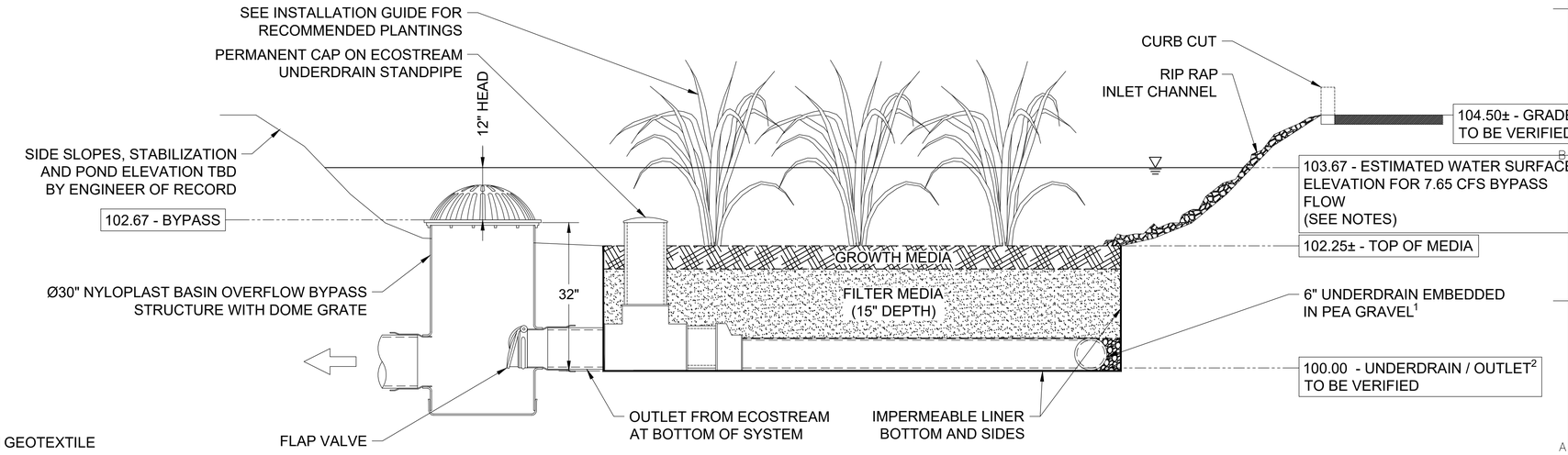
* DRAINAGE AREA IS BASED ON 16.93 lb./16 ft^2 (270.8 lb./16 ft^2) OF EFFECTIVE FILTRATION TREATMENT AREA AND THE EQUATION IN THE NJ DEP FILTRATION PROTOCOL APPENDIX, WHERE DRAINAGE AREA IS CALCULATED BASED ON 600 lbs. OF MASS CONTRIBUTED PER ACRE OF DRAINAGE AREA ANNUALLY.

** NJ DEP REGULATIONS LIMIT THE CONTRIBUTORY DRAINAGE AREA FOR GI MTD'S TO 2.5 ACRES.



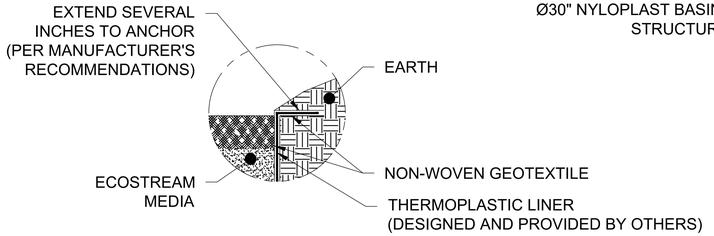
PLAN VIEW

1/4" = 1'



PROFILE VIEW

NTS



THERMOPLASTIC LINER DETAIL

NTS

1. SEE INSTALLATION GUIDE FOR NUMBER AND CONFIGURATION OF UNDERDRAIN KITS REQUIRED
2. OUTLET ELEVATION SHOWN ASSUMES 0.83 FT OF FREEBOARD ABOVE WATER SURFACE ELEVATION FOR REQUIRED HEAD ACTING UPON THE BYPASS TO PRODUCE THE PEAK BYPASS RATE. ENGINEER OF RECORD TO CONFIRM.

PASSERO engineering architecture

1A Pine West Plaza
Washington Avenue Extension
Albany, NY 12205
Telephone: (866) 764-7616

Principal-in-Charge: Andrew Holesko
Project Manager: Matt Nissen, P.E.
Designed by: LDS, ZJH

Project:

SKY HARBOUR HANGAR DEVELOPMENT

Stamp:

STATE OF NEW YORK · MATTHEW JAMES · NISSEN · 104260 · LICENSED PROFESSIONAL ENGINEER

Site:

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Client:

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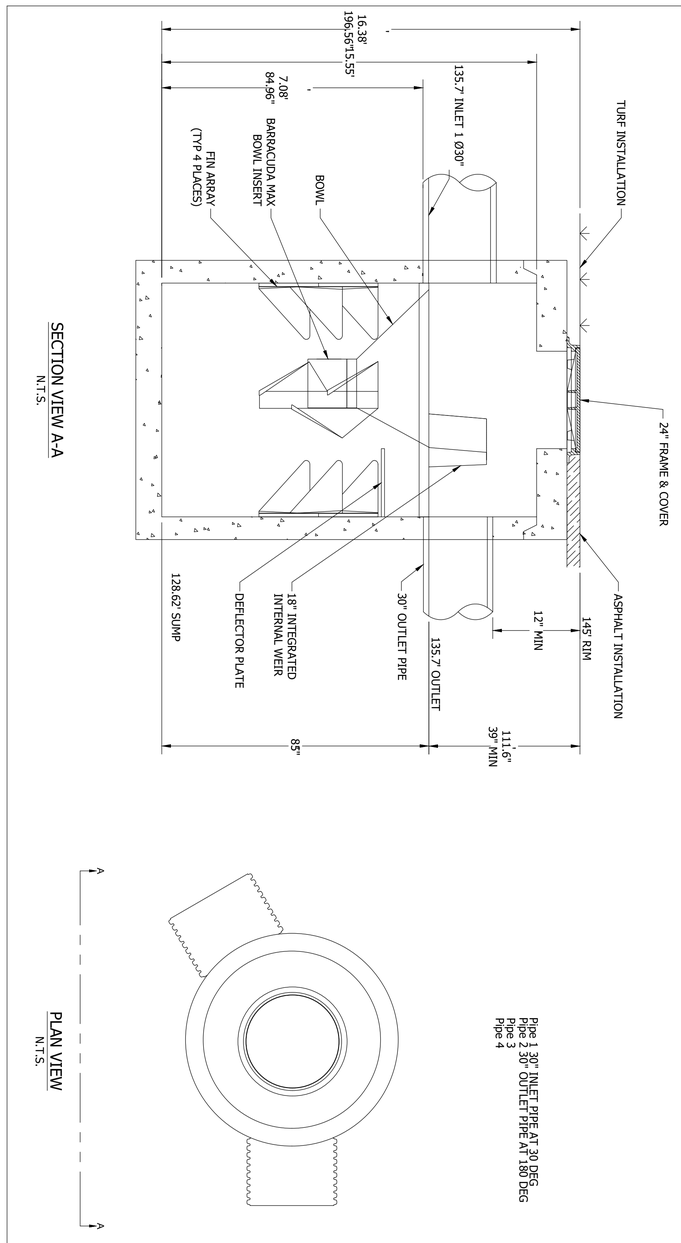
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C-552

April 2025

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SECTION VIEW A-A
N.T.S.

PLAN VIEW
N.T.S.

Pipe 1 30" INLET PIPE AT 30 DEG
Pipe 2 30" OUTLET PIPE AT 180 DEG
Pipe 3
Pipe 4

BARRACUDA MAX S6	
UNIT ID	1
PEAK FLOW RATE (CFS)	30
TREATMENT FLOW RATE (CFS)	3.2

PRODUCT SPECIFICATIONS

- THE STORMWATER TREATMENT UNIT SHALL BE AN INLINE UNIT CAPABLE OF CONVEYING 100% OF THE DESIGN PEAK FLOW. IF PEAK FLOW RATES EXCEED MAXIMUM HYDRAULIC RATE, THE UNIT SHALL BE INSTALLED OFFLINE.
- THE BARRACUDA UNIT SHALL BE DESIGNED TO REMOVE AT LEAST 80% OF TSS, PROVIDED SOLIDS GRAN ANNUAL AGGREGATE REMOVAL BASIS. SAID REMOVAL SHALL BE BASED ON FULL-SCALE THIRD PARTY TESTING USING OK-110 MEDIA GRADATION OR EQUIVALENT AND 300 mg/L INFLUENT CONCENTRATION. SAID FULL SCALE TESTING SHALL HAVE INCLUDED SEDIMENT CAPTURE BASED ON ACTUAL TOTAL MASS COLLECTED BY THE STORMWATER TREATMENT UNIT.
  - OR -
  THE BARRACUDA UNIT SHALL BE DESIGNED TO REMOVE AT LEAST 50% OF TSS USING A MEDIA MIX WITH d50=75 MICRON AND 200 MG/L INFLUENT CONCENTRATION.
  -OR -
  THE BARRACUDA UNIT SHALL BE DESIGNED TO REMOVE AT LEAST 50% OF TSS PER CURRENT NJDEP/NJCAT HDS PROTOCOL.

DATE	DRWN	CHKD	DESCRIPTION	
				HVRA NORTH SITE HANGARS
				WAPPINGER-NY
				DATE: 2/20/25 DRAWN:
				PROJECT #: CHECKED: XX

ADS TO YOU
4949 CRAIGMEN BLVD
HILLIARD, OH 43026

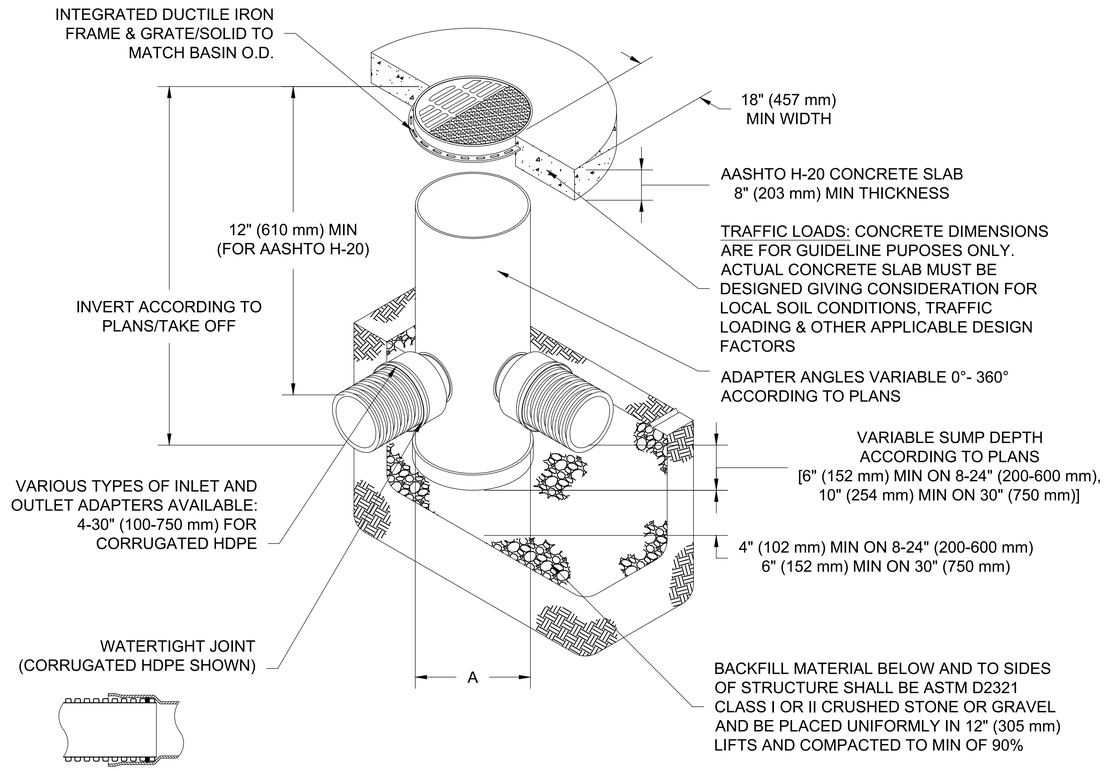
Barracuda Max
Stormwater Separator

SHEET 2 OF 2

THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO ADS UNDER THE DIRECTION OF THE SITE DESIGN ENGINEER OR OTHER PROJECT REPRESENTATIVE. THE SITE DESIGN ENGINEER SHALL REVIEW THIS DRAWING PRIOR TO CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE SITE DESIGN ENGINEER TO ENSURE THAT THE PRODUCT(S) DEPICTED AND ALL ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS, AND PROJECT REQUIREMENTS.

NYLOPLAST DRAIN BASIN

NTS



NOTES

1. 8-30" (200-750 mm) GRATES/SOLID COVERS SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
2. 12-30" (300-750 mm) FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
3. DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS
4. DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS & HANCOR DUAL WALL) & SDR 35 PVC
5. FOR COMPLETE DESIGN AND PRODUCT INFORMATION: **WWW.NYLOPLAST-US.COM**
6. TO ORDER CALL: **800-821-6710**

A	PART #	GRATE/SOLID COVER OPTIONS		
8" (200 mm)	2808AG	PEDESTRIAN LIGHT DUTY	STANDARD LIGHT DUTY	SOLID LIGHT DUTY
10" (250 mm)	2810AG	PEDESTRIAN LIGHT DUTY	STANDARD LIGHT DUTY	SOLID LIGHT DUTY
12" (300 mm)	2812AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20
15" (375 mm)	2815AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20
18" (450 mm)	2818AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20
24" (600 mm)	2824AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20
30" (750 mm)	2830AG	PEDESTRIAN AASHTO H-20	STANDARD AASHTO H-20	SOLID AASHTO H-20

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Sheet Title:
ADS ECOSTREAM DETAILS

C-553

April 2025

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A. GENERAL NOTES

ALL WORK SHALL BE IN CONFORMANCE WITH STRUCTURAL DRAWINGS, SPECIFICATIONS AND THE REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE 2020 EDITION PLUS UPDATES ("THE BUILDING CODE" REFERENCED IN THE FOLLOWING NOTES).

1. TO THE BEST OF OUR KNOWLEDGE, THE STRUCTURAL DRAWINGS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE GOVERNING BUILDING CODE.

2. CONSTRUCTION IS TO COMPLY WITH THE REQUIREMENTS OF THE GOVERNING BUILDING CODE NOTED ABOVE AND ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL CODES, STANDARDS, REGULATIONS, AND LAWS.

3. THE CONTRACTOR SHALL COMPARE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL DRAWINGS BEFORE COMMENCING WITH THE WORK AND SHALL NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES REQUIRING CLARIFICATION OR REVISIONS. DO NOT SCALE STRUCTURAL DRAWINGS, REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. SEE "DIMENSION" SECTION OF GENERAL NOTES FOR ADDITIONAL NOTES.

4. THE CONTRACTOR SHALL USE STRUCTURAL DRAWINGS IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS TO COORDINATE LOCATION OF DEPRESSED SLABS, SLOPES, DRAINS, OUTLETS, RECESSES, OPENINGS, REGLETS, BOLT SETTINGS, SLEEVES, DIMENSIONS, ETC. (DRAWINGS ARE NOT TO BE SCALED).

5. DISCREPANCIES BETWEEN INFORMATION PRESENTED WITHIN PROJECT SPECIFICATIONS AND WITHIN STRUCTURAL NOTES ON PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BY THE CONTRACTOR PRIOR TO PRESENTING HIS OR HER BID. IF SUCH A DISCREPANCY IS DISCOVERED SUBSEQUENT TO BIDDING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE OPTION SUBSEQUENTLY SELECTED BY THE ENGINEER AT NO ADDITIONAL COST.

6. CONTRACTORS SHALL BE RESPONSIBLE FOR FINAL VERIFICATION OF ALL DIMENSIONS, ELEVATIONS, CLEARANCES, ETC. OF THE FRAMING SHOWN ON THE STRUCTURAL DRAWINGS AGAINST INFORMATION PROVIDED BY MANUFACTURES OF SELECTED MECHANICAL EQUIPMENT PRIOR TO PROCEEDING WITH ANY RELATED PORTION OF WORK. ITEMS REQUIRING SUCH REVIEW SHALL INCLUDE ELEVATORS (ELEVATOR PITS, BEAMS ABOVE ELEVATORS DOORS, ETC.), ESCALATORS, DUCTS, COOLING TOWERS, ETC. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY REMEDIAL WORK AND FOR ITS IMPACT ON THE WORK SCHEDULE RESULTING FROM FAILURE TO PROVIDE EARLY NOTIFICATION OF SUCH CONFLICTS TO THE DESIGN TEAM.

7. POTENTIAL CONFLICTS, ERRORS OR OMISSIONS PRESENT WITHIN THE DRAWINGS (WHETHER WITHIN STRUCTURAL DRAWINGS OR BETWEEN STRUCTURAL, ARCHITECTURAL, AND M.E.P DRAWINGS) SHALL BE IDENTIFIED BY THE CONTRACTOR DURING HIS/HER EARLY REVIEW OF THE PROJECT DOCUMENTS. SUCH CONFLICTS, ERRORS OR OMISSIONS SHALL BE COMMUNICATED TO THE ARCHITECT IN WRITING PRIOR TO COMMENCEMENT OF WORK. IN THE EVENT OF FAILURE TO PROVIDE SUCH A NOTICE AND SUFFICIENT TIME FOR A RESPONSE, THE CONTRACTOR SHALL BECOME RESPONSIBLE FOR COST OF ALL WORK OR REMEDIAL WORK RESULTING FROM SUCH CONFLICTS, ERRORS OR OMISSION, AS WELL AS FOR ITS IMPACT ON THE PROJECT SCHEDULE.

8. ALL COSTS OF INVESTIGATION AND/OR REDESIGN, DUE TO CONTRACTOR MISLOCATION OF STRUCTURAL ELEMENTS OR OTHER LACK OF CONFORMANCE WITH THE PROJECT DOCUMENTS, SHALL BE AT THE CONTRACTOR'S EXPENSE.

9. IN THE EVENT THAT CERTAIN DETAILS OF THE CONSTRUCTION ARE NOT FULLY SHOWN OR NOTED ON THE DRAWINGS, THEIR CONSTRUCTION SHALL BE OF THE SAME TYPE AS FOR SIMILAR CONDITIONS WHICH ARE SHOWN AND NOTED, SUBJECT TO THE STRUCTURAL ENGINEER'S APPROVAL. DETAILS LABELED "TYPICAL" APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED, WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. QUESTIONS REGARDING THE APPLICABILITY OF TYPICAL DETAILS SHALL BE RESOLVED BY THE PROJECT ARCHITECT.

10. SEE THE ARCHITECTURAL DRAWINGS FOR THE FOLLOWING:

    a. SIZE AND LOCATIONS OF ALL CONCRETE CURBS, FLOOR DRAINS, SLOPES, INSERTS, ETC., EXCEPT AS SHOWN.
    b. SIZE AND LOCATION OF ALL DOOR AND WINDOW OPENINGS EXCEPT AS SHOWN.
    c. SIZE AND LOCATION OF ROOF AND FLOOR OPENINGS, FLOOR AND ROOF FINISHES, TYPES OF WATER PROOFING AND DAMP PROOFING.
    d. FINISHED FLOOR AND EXTERIOR ELEVATIONS.
    e. DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.
    f. FIRE PROTECTION REQUIREMENTS
    g. MISC. STEEL TUBES, CHANNELS, ANGLES, AND PLATES FOR METAL PANEL WALL AND CURTAIN WALL SUPPORT.
    h. EMBEDS FOR MISC METAL FRAMING AND CLADDING ANCHORAGE.
    i. SIZE AND LOCATIONS OF MASONRY, DRYWALL, NON-LOAD BEARING PARTITIONS AND EXTERIOR WALL. PROVIDE SLIP CONNECTIONS THAT ALLOW VERTICAL MOVEMENT AT THE HEADS OF ALL SUCH PARTITIONS. CONNECTIONS SHALL BE DESIGNED TO SUPPORT THE TOP OF THE WALLS LATERALLY FOR THE CODE-REQUIRED LATERAL LOAD.

11. SEE THE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR THE FOLLOWING:

    a. PIPE AND DUCT RUNS, SLEEVES, HANGERS, TRENCHES, WALL AND SLAB OPENINGS, ETC., EXCEPT AS SHOWN OR NOTED.
    b. ELECTRICAL CONDUIT RUNS, BOXES, OUTLETS IN WALLS AND SLABS.
    c. CONCRETE INSERTS FOR ELECTRICAL, MECHANICAL OR PLUMBING FIXTURES.
    d. ANCHOR BOLTS FOR MOTOR MOUNTS, EXCEPT AS SHOWN OR NOTED.
    e. SIZE AND LOCATION OF MACHINE OR EQUIPMENT BASES (HOUSEKEEPING PADS). NOTE THAT HOUSEKEEPING PADS SHOWN ON THE STRUCTURAL DRAWINGS ARE APPROXIMATE AND ARE INCLUDED FOR GENERAL REFERENCE ONLY.

12. OPENINGS, POCKETS, ETC., LARGER THAN 6" SHALL NOT BE PLACED IN CONCRETE SLABS, DECKS, OR WALLS UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS. NOTIFY THE STRUCTURAL ENGINEER WHEN DRAWINGS BY OTHERS SHOW OPENINGS, POCKETS, ETC., LARGER THAN 6" WHICH ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS, BUT WHICH ARE LOCATED IN STRUCTURAL MEMBERS.

13. ALL SUSPENDED MECHANICAL, ELECTRICAL, OR OTHER SYSTEM LOADS EXCEEDING 100 POUNDS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION UNLESS SPECIFICALLY DETAILED ON THE DRAWINGS. ANY REINFORCEMENT, ETC. REQUIRED BY SUCH LOADS SHALL BE BY THE TRADE REQUIRING THE EQUIPMENT.

14. PROVIDE ADDITIONAL STRUCTURAL STEEL EQUIVALENT TO 1% OF THE TOTAL WEIGHT OF STRUCTURAL STEEL, INCLUDING FABRICATION AND INSTALLATION COST. THE STRUCTURAL STEEL WILL BE ADDED AT THE DIRECTION OF THE ARCHITECT AND RECORDED BY THE ON-SITE INSPECTION AGENCY.

15. EOR SHALL NEITHER HAVE CONTROL OVER OR CHARGE OF, NOR BE RESPONSIBLE FOR, THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, SINCE THESE ARE SOLELY THE CONTRACTOR'S RIGHTS AND RESPONSIBILITIES UNDER THE CONTRACT DOCUMENTS. EOR SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO PERFORM THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY, HIS OWN WORK, AND THE PUBLIC FROM HARM. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOBSITE SAFETY INCLUDING ALL OSHA REQUIREMENTS.

16. THE STRUCTURE WAS DESIGNED TO BE SELF-SUPPORTING AND STABLE FOLLOWING INSTALLATION OF ALL COMPONENTS AS INDICATED ON THE DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE METHOD AND SEQUENCE OF ERECTION PROCEDURES (INCLUDING IMPLEMENTATION OF TEMPORARY SHORING, BRACING, ETC.) AND TO ENSURE SAFETY THROUGH THE PERIOD OF CONSTRUCTION. CONTRACTOR AGREES THAT HE WILL HOLD OWNER, ARCHITECT, ENGINEER, AND/OR ANY OF THEIR EMPLOYEES OR AGENTS, HARMLESS FROM ANY AND ALL DAMAGE AND CLAIMS WHICH MAY ARISE BY A REASON OF ANY NEGLIGENCE ON THE PART OF THE CONTRACTOR, OR ANY OF HIS SUBCONTRACTORS, OR ANY MATERIAL AND EQUIPMENT SUPPLIERS, AND/OR ANY OF THEIR EMPLOYEES OR AGENTS, IN THE PERFORMANCE OF THIS CONTRACT. IN CASE ANY ACTION IS BROUGHT AGAINST THE OWNER, OR ARCHITECT, OR ENGINEER, OR ANY OF THEIR EMPLOYEES OR AGENTS, CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR DEFENSE THEREOF, TO THE FULL SATISFACTION OF THE LATTER PARTY.

17. DO NOT PLACE CONCRETE WITHOUT APPROVED STRUCTURAL SHOP DRAWINGS INCLUDING ALL MECHANICAL/ARCHITECTURAL SHOP DRAWINGS RELATED TO THE CONCRETE WORK. RELATED ITEMS INCLUDE LOCATIONS OF OPENINGS, PIPE SLEEVES, REGLETS, DOVETAIL SLOTS, DRIPS, INSERTS FOR MECHANICAL EQUIPMENTS, HUNG CEILINGS, AND ANY OTHER ITEMS REQUIRED TO BE INSTALLED AND/OR TO BE COORDINATED BY THE ARCHITECTURAL/MECHANICAL TRADES.

18. CONTRACTOR IS TO PROVIDE DURING CONSTRUCTION AND MAKE ALLOWANCE FOR DESIGN, DETAILING, AND PURCHASE, DURING BID PHASE FOR ALL MISCELLANEOUS STEEL REQUIRED FOR THE SUPPORT OF ARCHITECTURAL FEATURES THAT ARE NOT STRUCTURAL ITEMS TO THE BASE STRUCTURE. SUCH ITEMS INCLUDE MEP HANGINGS, CEILING, AND CURTAIN WALL SUPPORTS.

19. SUPPLEMENT SKETCHES/DRAWINGS: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FORWARD A COPY OF ALL CORRESPONDENCE AFFECTING THE STRUCTURE TO THE PROJECT'S INSPECTOR THROUGHOUT THE DURATION OF CONSTRUCTION.

B. SHOP DRAWINGS AND SUBMITTALS

1. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR THE ARCHITECT'S APPROVAL PRIOR TO COMMENCEMENT OF WORK. SUCH DRAWINGS SHALL INCLUDE ERECTION PLANS, WORK PROCEDURE, SEQUENCE, AND DETAILS INTO WHICH ALL FIELD CONDITIONS HAVE BEEN INCORPORATED.

2. SHOP DRAWINGS WILL BE REVIEWED FOR COMPLIANCE WITH CONTRACT DOCUMENTS, CONSTRUCTION METHODS, DIMENSIONING AND OTHER TRADE REQUIREMENTS BY THE CONTRACTOR PRIOR TO SUBMITTAL TO THE PROJECT ENGINEER. DRAWINGS WITHOUT CONTRACTOR'S APPROVAL STAMP SHALL BE RETURNED WITHOUT ENGINEER'S REVIEW.

3. IN CASE OF A CONFLICT, INFORMATION PRESENTED ON STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER THAT WITHIN SHOP DRAWINGS, UNLESS SPECIFICALLY ADDRESSED BY THE ENGINEER IN WRITING.

4. THROUGH THE PROCESS OF A CURSORY REVIEW, ENGINEER ASSUMES NO RESPONSIBILITY FOR DIMENSIONS, QUANTITIES, ERRORS OR OMISSIONS. ANY ERRORS OR OMISSIONS IRRESPECTIVE OF ENGINEER'S COMMENTS OR DURATION OF THE REVIEW SHALL BE THE RESPONSIBILITY OF AND MUST BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL SERVICE CHARGE EVEN IF SUCH WORK WAS DONE IN ACCORDANCE WITH THE SHOP DRAWINGS.

5. REPRODUCTION OF ANY PORTION OF THE STRUCTURAL CONTRACT DRAWINGS FOR RESUBMITTAL AS SHOP DRAWINGS IS PROHIBITED. SHOP DRAWINGS PRODUCED IN SUCH A MANNER WILL BE REJECTED AND RETURNED.

6. ON FIRST SUBMITTAL, CLEARLY FLAG AND CLOUD ALL DIFFERENCES FROM THE CONTRACT DOCUMENTS. ON RESUBMITTALS, FLAG AND CLOUD ALL CHANGES AND ADDITIONS TO PREVIOUS SUBMITTAL; ONLY CLOUDED ITEMS WILL BE REVIEWED FOR RESUBMITTED SHOP DRAWINGS.

7. DELEGATED/SPECIALTY ENGINEER SUBMITTALS: SUBMITTALS SHALL BE PREPARED IN ACCORDANCE WITH THE BUILDING CODE. ENGINEERS NAME, LICENSE NUMBER AND BUSINESS ADDRESS SHALL BE LEGIBLY INDICATED ON ALL SIGNED AND SEALED DOCUMENTS. SPECIALTY ENGINEER SHALL BE SOLELY RESPONSIBLE FOR DIRECT CONTACT WITH THE BUILDING DEPARTMENT WHILE OBTAINING BUILDING DEPARTMENT'S APPROVAL FOR HIS/HER PORTION OF WORK (INCLUDING PROVIDING RESPONSES TO REVIEW COMMENTS, SUPPLYING ADDITIONAL CALCULATIONS AND PLANS, ATTENDING MEETINGS, ETC). DELEGATED/SPECIALTY ENGINEER IS DEFINED AS ONE WHO SPECIALIZES IN AND UNDERTAKES THE DESIGN OF STRUCTURAL COMPONENTS OR STRUCTURAL SYSTEMS INCLUDED IN A SPECIFIC SUBMITTAL PREPARED FOR THIS PROJECT AND IS AN EMPLOYEE OR OFFICER OF, OR CONSULTANT TO, THE CONTRACTOR OR FABRICATOR RESPONSIBLE FOR THE SUBMITTAL.

8. IN ADDITION TO THE ABOVE, THE STRUCTURAL ENGINEER'S REVIEW OF DELEGATED/SPECIALTY ENGINEER SUBMITTAL IS LIMITED TO VERIFYING THAT THE SPECIFIED STRUCTURAL SUBMITTAL HAS BEEN FURNISHED, SIGNED AND SEALED BY THE DELEGATED/SPECIALTY ENGINEER AND THAT THE DELEGATED/SPECIALTY ENGINEER HAS UNDERSTOOD THE DESIGN INTENT AND USED THE SPECIFIED STRUCTURAL CRITERIA. NO DETAILED CHECK OF CALCULATIONS WILL BE MADE. THE DELEGATED/ SPECIALTY ENGINEER IS SOLELY RESPONSIBLE FOR HIS/HER DESIGN, INCLUDING BUT NOT LIMITED TO THE ACCURACY OF HIS/HER CALCULATIONS AND COMPLIANCE WITH THE APPLICABLE CODES AND STANDARDS.

C. SPECIAL INSPECTIONS AND TESTING NOTES

1. SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE SECTIONS. SIGNED COPIES OF ALL TESTS AND INSPECTIONS REPORTS SHALL BE FILED WITH THE DEPARTMENT OF BUILDINGS THROUGH THE APPLICANT.

2. G.C. SHALL PROVIDE THE TESTING AGENCY THE FOLLOWING:

    a. A FULL SET OF STRUCTURAL DRAWINGS AND GENERAL NOTES.
    b. SUFFICIENT NOTICE, AS AGREED AT THE START OF THE PROJECT, PRIOR TO THE WORK TO PERFORM TESTING WITHOUT DELAYING THE WORK.
    c. EASY ACCESS TO ALL MATERIALS AND COMPONENTS TO BE TESTED.

3. THE TESTING AGENCY SHALL SUBMIT RESULTS OF ALL TESTS TO THE OWNER AND ARCHITECT. THE TESTING AGENCY WILL BE RESPONSIBLE FOR CONDUCTING AND INTERPRETING THE TESTS AND WILL PREPARE REPORTS WHICH STATE WHETHER OR NOT THE RESULTS COMPLY WITH THE CONTRACT DOCUMENTS. REPORTS SHALL SUMMARIZE THE TYPE OF TEST, THE LOCATION OR COMPONENT TESTED, AND RECOMMEND ANY REMEDIAL MEASURES REQUIRED. THE REPORT SHALL ALSO NOTE ANY OTHER DEVIATIONS FROM THE CONTRACT DOCUMENTS.

4. MINIMUM QUALIFICATIONS FOR SPECIAL INSPECTOR:

    a. EXCAVATION, STRUCTURAL FILLS, SOIL BEARING, AND RELATED GEOTECH INSPECTIONS: LICENSED PROFESSIONAL ENGINEER WITH RELEVANT EXPERIENCE.
    b. REINFORCED CONCRETE: LICENSED PROFESSIONAL ENGINEER WITH RELEVANT EXPERIENCE.
    c. MASONRY: CURRENT ICC STRUCTURAL MASONRY CERTIFICATION AND TWO YEARS OF RELEVANT EXPERIENCE.
    d. WELDING: CURRENT AWS CERTIFIED WELDING INSPECTOR.
    e. HIGH STRENGTH BOLTING AND STEEL FRAMING: LICENSED PROFESSIONAL ENGINEER WITH RELEVANT EXPERIENCE.

5. THE FOLLOWING ITEMS OF WORK, AS APPROPRIATE, SHALL BE SUBJECT TO SPECIAL INSPECTION:

    a. GENERAL

    • STRUCTURAL STABILITY DURING CONSTRUCTION

    b. FOUNDATIONS

    • SUBGRADE
    • COMPACTION OF FILL
    • PIERS, WALLS, AND FOOTINGS, PILE CAPS IF APPLICABLE.

    c. CONCRETE

    • CONCRETE MIX QUALITY AND STRENGTH AND PLACEMENT OPERATIONS (SEE ADDITIONAL NOTES BELOW)
    • REBAR PLACEMENT
    • FORMWORK

    d. MASONRY

    • MASONRY MATERIALS
    • MASONRY STRENGTH
    • GROUT AND MORTAR MIX QUALITY AND STRENGTH AND CONSTRUCTION OPERATIONS
    • REBAR PLACEMENT AND GROUTING

    e. STRUCTURAL STEEL

    • HIGH STRENGTH BOLTING
    • WELDING
    • COMPLIANCE WITH DETAILS

    f. THE OWNER WILL RETAIN AN INDEPENDENT TESTING AGENCY TO CARRY OUT THE SPECIAL INSPECTIONS AND STRUCTURAL OBSERVATIONS SEE NOTES BELOW FOR ADDITIONAL TESTS, ETC. REQUIRED FOR WELDING AND CONCRETE.

    g. WELDS SHALL BE TESTED AS FOLLOWS:

    • VISUALLY INSPECT ALL WELDS
    • FULL PENETRATION WELDS: ULTRASONIC TESTING OR MAGNETIC PARTICLE TESTING 100% OF WELDS.
    • PARTIAL PENETRATION BUTT WELDS AND FILLET WELDS WITH A LEG LENGTH GREATER THAN 1/2": ULTRASONIC TESTING OR MAGNETIC PARTICLE TESTING: 20% OF WELDS.
    • ALL OTHER FILLET WELDS: MAGNETIC PARTICLE TESTING OF 10% OF WELDS.
    • MAGNETIC PARTICLE TESTING TO CONFORM TO ASTM E709 AND ULTRASONIC TESTING TO CONFORM TO AWS D1.1 SECTION 6 BY ANSI LEVEL II TECHNICIAN.
    • ULTRASONIC TESTING OF ALL GROOVE WELDS AND ALL FILLET WELDS OF LEG LENGTH GREATER THAN 3/8" IN WELDED MOMENT JOINTS AND IN BASE METAL GREATER THAN 1 3/8" THICK. THIS EXAMINATION IS TO CONFIRM THE ABSENCE OF BOTH LAMINATION AND LAMELLAR TEARING. THE PRESENCE OF EITHER WILL BE CONSIDERED A CAUSE FOR REJECTION. THE ULTRASONIC EXAMINATION WILL INCLUDE THE PARENT MATERIAL TO A DISTANCE OF 6" ON EACH SIDE OF THE WELD.
    • ALL GROOVE WELDS AND FILLET WELDS WITH LEG LENGTH OVER 3/8" IN MATERIAL GREATER THAN 1 3/8" THICK SHALL BE ULTRASONICALLY INSPECTED A SECOND TIME A MINIMUM OF 2 WEEKS AFTER COMPLETION OF THE WELDS.

    h. CONCRETE TESTING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING CODE. REPORTS OF ALL CONCRETE POURS AND THE LABORATORY CYLINDER TEST REPORTS CORRESPONDING TO THE PERIOD OF POUR SHALL BE FILED WITH THE BUILDING DEPARTMENT AT A PERIOD NOT TO EXCEED TEN DAYS FROM CONCRETE POUR. CONCRETE TESTING SHALL BE AS FOLLOWS:

    i. MIXER TESTING: COMPRESSION TEST SAMPLES WILL BE TAKEN DIRECTLY FROM THE MIXER IN ACCORDANCE WITH ASTM C172, MADE AND CURED IN ACCORDANCE WITH ASTM C31, AND TESTED AT THE AGE OF 28 DAYS IN ACCORDANCE WITH ASTM C39.

    - FOUR (4) TEST CYLINDERS WILL BE MOLDED FOR EACH 50 CUBIC YARDS OR FRACTION THEREOF FOR EACH TYPE AND STRENGTH OF CONCRETE PLACED IN ANY ONE DAY'S CONCRETING.

    - TWO (2) CYLINDERS WILL BE TESTED AT 7 DAYS AND TWO (2) CYLINDERS TESTED AT 28 DAYS.

    - EACH CYLINDER SHALL BE SUITABLY IDENTIFIED BY A MARK AND THE AREA WHERE THE CONCRETE IS PLACED SHALL BE RECORDED.

    • ADDITIONAL TESTS: TEST CYLINDERS WILL BE MADE FROM CONCRETE TAKEN OUT OF THE BUCKET, HOPPER, OR FORMS AS DIRECTED BY THE ENGINEER DESIGNATED FOR INSPECTION WHEN CONCRETE IS PLACED FROM AN INTERMEDIATE CONVEYANCE.

    - THESE TEST CYLINDERS SHALL BE SEPARATE AND DISTINCT FROM THOSE MADE FROM THE MIXER AND SHALL BE MADE FROM THE SAME BATCH, CURED AND TESTED IN THE SAME MANNER AS DESCRIBED FOR THE SAMPLES TAKEN FROM THE MIXER.

    - THE NUMBER OF TEST CYLINDERS MADE FROM THE CONCRETE TAKEN OUT OF THE BUCKET, HOPPER OR FORMS MAY BE REDUCED TO A MINIMUM OF ONE (1) SET OF FOUR (4) CYLINDERS FROM EVERY 150 CUBIC YARDS OR FRACTION THEREOF, FOR EACH STRENGTH OF CONCRETE PLACED IN ANY ONE DAY'S CONCRETING.

    • WHEN CONCRETE IS PLACED DIRECTLY FROM THE MIXER INTO THE FORMS, WITHOUT ANY INTERMEDIATE CONVEYANCE, THE ABOVE ADDITIONAL CYLINDERS WILL NOT BE REQUIRED.
    • SLUMP TESTS IN COMPLIANCE WITH ASTM C143.
    • ENTRAINED AIR CONTENT IN COMPLIANCE WITH ASTM C231 FOR AIR ENTRAINED CONCRETE.
    • CONCRETE TEMPERATURE AT POUR AND DENSITY TEST FOR LIGHT WEIGHT CONCRETE.
    • IN CONFORMANCE WITH THE BUILDING CODE, THE AUTHORITY WILL ASSIGN A LICENSED PROFESSIONAL ENGINEER, APPROVED BY THE ENGINEER OF RECORD, TO SUPERVISE THE TESTING OF THE MATERIALS AND THE INSPECTION OF CONCRETE CONSTRUCTION AND TO CHECK THAT ALL REQUIRED TESTS ARE MADE AND LABORATORY TESTS ARE SUBMITTED. THE ENGINEER SHALL HAVE THE RIGHT TO ORDER THE CONTRACTOR TO MAKE SUCH CHANGES OF THE MIX OF CONCRETE AS REQUIRED TO PRODUCE CONCRETE OF THE NECESSARY STRENGTH AND TO REPORT TO THE BUILDING DEPARTMENT SUPERINTENDENT ANY DEVIATION FROM THE REQUIREMENTS OF THE CODE AS INDICATED BY RECORDS OF INSPECTION AND REPORTS OF TEST.

    A PRE CONSTRUCTION SURVEY OF ALL EXISTING BUILDINGS AND UTILITIES AT PROJECT SITE SHALL BE PERFORMED BY THE CONTRACTOR. THE SURVEY SHALL PROVIDE THE OWNER AND THE FOUNDATION CONTRACTOR WITH DOCUMENTATION OF EXISTING CONDITIONS IN CASE OF FUTURE DAMAGE CLAIM. THE SURVEY SHOULD BE CONDUCTED BY A PROFESSIONAL ENGINEER EXPERIENCED IN SUCH SURVEY WORK. THE SURVEY SHOULD INCLUDE PHOTOGRAPHS, DIMENSIONED SKETCHES, AND MEASUREMENTS OF AMBIENT VIBRATIONS.

D. TEMPORARY WORK NOTES

1. ALL TEMPORARY WORK SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE APPLICABLE BUILDING CODE.

2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DESIGN AND PROVIDE PROPER SHEETING, SHORING, AND BRACING WHEREVER NECESSARY. SHOP DRAWINGS SHALL BE PREPARED BY A LICENSED PROFESSIONAL ENGINEER AND RETAINED BY THE CONTRACTOR. TEMPORARY BRACING OF THE STEEL FRAME REQUIRED TO MAINTAIN PLUMBNESS AND STABILITY DURING CONSTRUCTION WILL BE THE RESPONSIBILITY OF THE STEEL ERECTOR.

3. CONSTRUCTION LOADS SHALL NOT EXCEED THE CODE REDUCED DESIGN LIVE LOAD PER SQUARE FOOT. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING AND/OR BRACING TO SUPPORT ANY LOADS WHERE STRUCTURE HAS NOT ATTAINED DESIGN STRENGTH.

4. THE DRAWINGS INDICATE THE COMPLETED STRUCTURE. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ALL TEMPORARY MEASURES NECESSARY FOR ERECTION.

5. WHEN EXCAVATIONS ARE *5'-0"* OR GREATER IN DEPTH FROM THE LEVEL OF ADJACENT GROUND, THE SIDES SHALL BE SHORED. PROVIDE GUARD RAILS OR FENCE AT EXCAVATIONS AS REQUIRED.

E. DIMENSIONS

1. WHILE THE POSITION OF MOST CONCRETE, STEEL, AND DECKING MEMBERS ARE DEFINED DIRECTLY ON THE STRUCTURAL DRAWINGS THERE ARE INSTANCES WHERE REFERENCE MUST BE MADE TO ARCHITECTURAL OR OTHER DRAWINGS TO DEDUCE A DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR SUCH DIMENSIONAL COORDINATION AND CROSS REFERENCING.

2. WITH THE POSITION OF MOST CONCRETE, MASONRY, STEEL, AND DECKING MEMBERS THUS FIXED, THE CONTRACTOR SHALL STILL NEED TO DEDUCE AND COMPUTE OTHER DIMENSIONS THAT ARE DERIVATIVE FROM THE BASIC DIMENSIONS, THESE MAY INCLUDE TRUE DISTANCE BETWEEN WORK POINTS, TRUE LENGTH, AND ORIENTATION OF MEMBERS, AND SO ON. SUCH DERIVATION OF DIMENSIONS IS THE RESPONSIBILITY OF THE CONTRACTOR.

3. TO ENSURE ACCURACY OF THESE DERIVED DIMENSIONS, THE CONTRACTOR IS TO PRODUCE LAYOUT DRAWINGS FOR COORDINATION WITH OTHER TRADES, AS WELL AS DETAILED SHOP DRAWINGS. ALTHOUGH THEY WILL NOT BE CHECKED, THESE LAYOUT DRAWING ARE TO BE SUBMITTED AT THE SAME TIME AS THE RELEVANT SHOP DRAWING.

F. EARTHWORK NOTES

1. ALL EARTH WORK INCLUDING EXCAVATION, FILLING, AND SUBGRADE PREPARATION SHALL BE IN CONFORMANCE WITH THE SPECIFICATIONS AND GEOTECHNICAL INVESTIGATIONS PREPARED BY WHITESTONE ASSOCIATES, INC., TITLED "REPORT OF GEOTECHNICAL INVESTIGATION" DATED FEBRUARY 28, 2020. REQUIREMENTS CONTAINED IN THE GEOTECH INVESTIGATION ARE PART OF THIS WORK.

2. ALL MATERIAL, FABRICATION, INSTALLATION AND INSPECTION REQUIREMENTS RELATING TO FOUNDATIONS SHALL CONFORM TO THE BUILDING CODE.

3. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS, AND UTILITIES IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT AND OSHA REGULATIONS. DO NOT EXCAVATE WITHIN ONE FOOT OF THE ANGLE OF REPOSE OF ANY SOIL BEARING FOUNDATION UNLESS THE FOUNDATION IS PROPERLY PROTECTED AGAINST SETTLEMENT.

4. BACKFILLING AT RETAINING WALLS SHALL BE DONE IN SUCH A MANNER THAT THE DIFFERENCE IN GRADES ON EITHER SIDE OF THE WALL SHALL NOT EXCEED 2 FEET AT ANY STAGE OF BACKFILLING UNTIL THE CONTRACT GRADES ARE REACHED. THE QUALIFIED SOIL INSPECTOR AND PROJECT STRUCTURAL ENGINEER SHALL BE NOTIFIED 48-HOURS IN ADVANCE PRIOR TO ANY BACKFILLING OF RETAINING WALLS.

5. SEE CIVIL/LANDSCAPE ARCHITECTURE AND ARCHITECTURAL DRAWINGS FOR SCOPE OF WORK BEYOND FOOT PRINT OF THE BUILDING.

6. EXCAVATIONS BELOW FOOTINGS OF ALL TYPES AS WELL AS SLABS ON GRADE SHOULD BE MADE SO AS TO PROVIDE A CLEAN EVEN BEARING AREA AND SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND THE GEOTECH. REPORT.

7. CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL ACCUMULATED WATER IN A MANNER THAT DOES NOT INCONVENIENCE OR DAMAGE THE WORK.

8. ALL UNDERPINNING, SHEETING, SHORING OR OTHER CONSTRUCTION REQUIRED FOR THE SUPPORT OF ADJACENT PROPERTIES, BUILDINGS, SIDEWALKS, UTILITIES, ETC. SHALL BE SUBJECT TO SPECIAL INSPECTION AS REQUIRED BY THE CODE. THE CONTRACTOR SHALL RETAIN A LICENSED PROFESSIONAL ENGINEER ACCEPTABLE TO THE ENGINEER OF RECORD TO PROVIDE THE NECESSARY DESIGN AND THE REQUIRED INSPECTION. THE CONTRACTOR'S PROFESSIONAL ENGINEER SHALL PREPARE AND FILE THE REQUIRED FORMS FOR THE WORK WITH THE BUILDING DEPARTMENT.

9. THE REMOVAL WORK TO PREPARE THE PROPOSED LOCATION FOR THE FOUNDATION I.E. REMOVAL OF TREES, STUMPS, SHRUBS, CONCRETE SLABS, ASPHALT PAVING, CATCH BASINS, YARD DRAINS, PLAYGROUND EQUIPMENT, FLAG AND UTILITY POLES, ETC. IS THE RESPONSIBILITY OF THE CONTRACTOR.

10. CONTRACTOR TO PROVIDE A SURVEY OF THE ADJACENT BUILDING AND TO SUBMIT THE SURVEY IMMEDIATELY TO THE ENGINEER OF RECORD AND THE AUTHORITY.

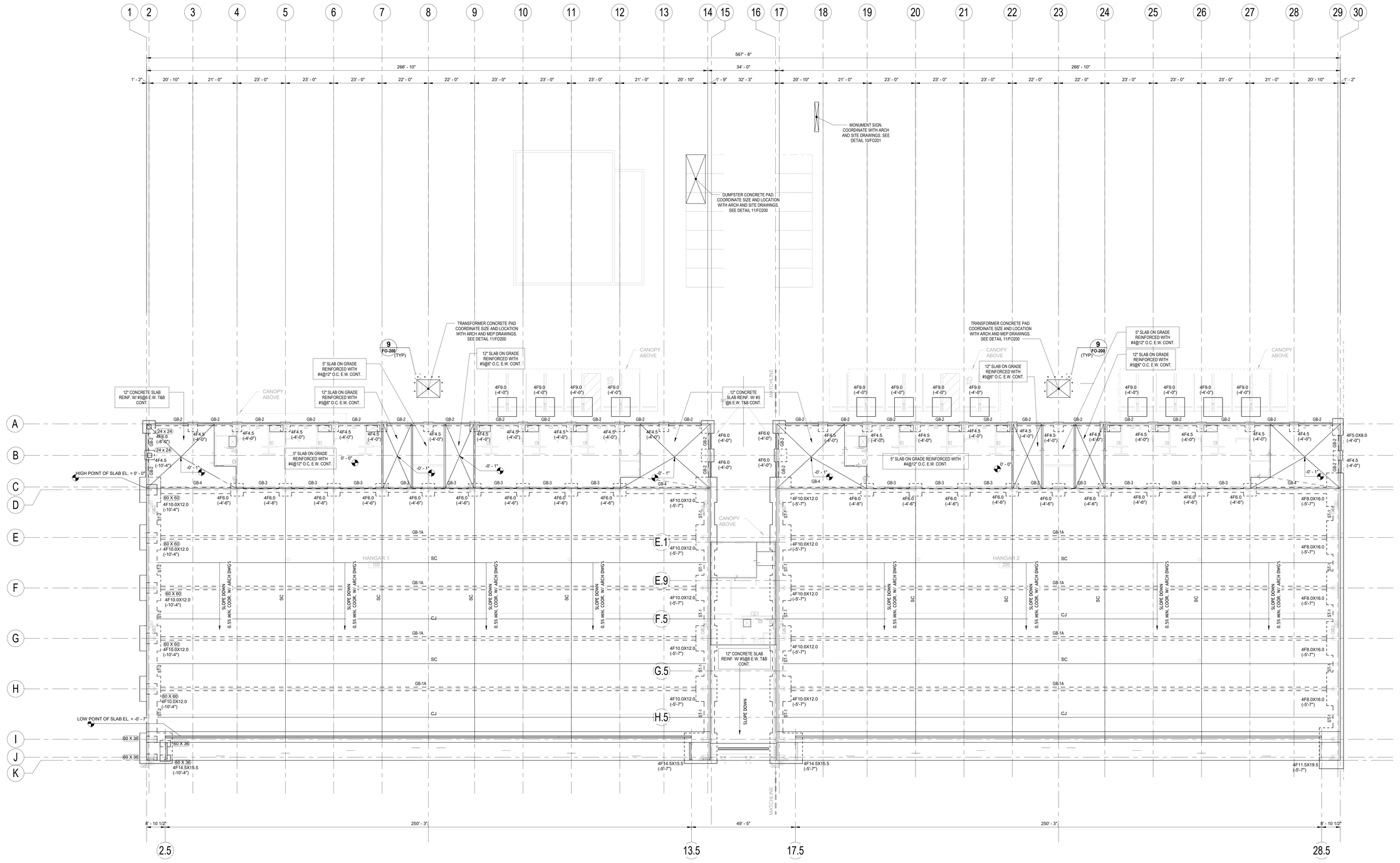
11. WHERE EXISTING FOOTING OR FOUNDATION OF ADJACENT PROPERTY IS LOWER THAN ELEVATIONS SHOWN, NEW FOUNDATIONS ARE TO BE LOWERED TO MATCH WITH THE ELEVATION OF EXISTING FOUNDATION; WHERE NEW FOUNDATION IS LOWER THAN EXISTING FOUNDATIONS, CONTRACTOR IS TO UNDERPIN EXISTING FOUNDATION PER SUGGESTED DETAIL. CONTRACTOR IS TO ESTABLISH EXISTING CONDITIONS BEFORE COMMENCING WORK AND NOTIFY THE ENGINEER.

12. WHERE EXCAVATION WILL EXTEND MORE THAN 10'-0" BELOW THE LEGALLY ESTABLISHED GRADE, THE DETAILS OF UNDERPINNING AND/OR BRACING REQUIRED FOR THE SUPPORT OF ADJACENT BUILDINGS OR PROPERTIES SHALL BE PREPARED BY A PROFESSIONAL ENGINEER HIRED BY THE CONTRACTOR. SEE SPECIFICATIONS.

G. FOUNDATION NOTES

1. THE CONTRACTOR SHALL COMPACT SUBGRADE, AND PREPARE WITH VAPOR BARRIER AND DENSE GRADED AGGREGATE UNDER THE STRUCTURE SLAB. SEE "EARTHWORK" SPECIFICATIONS FOR ADDITIONAL INFORMATION. SEE ARCHITECTURAL DRAWINGS FOR WATERPROOFING REQUIREMENTS.

2. MAINTAIN GROUND WATER LEVEL A MINIMUM OF 2 FEET BELO



1 FO-101 OVERALL FOUNDATION PLAN

1/16" = 1'-0"

0 8 32 FT

1/16" = 1'-0"

NOTES:

1. TOP OF NEW FRAMED OFFICE SLAB ON GRADE TO BE AT ELEVATION 0'-0" = EL 150.1' HANGAR SLAB SLOPES FROM ELEV. 150.1 TO ELEV 149.5. TOP OF SLAB ELEVATION, EDGE OF SLAB, DIMENSIONS AND EXTENT OF SLAB DEPRESSIONS TO BE COORDINATED WITH ARCHITECTURAL EDGE OF SLAB DRAWINGS.
2. NEW SLAB ON GRADE FOR OFFICE TO BE 5-IN THICK, REINFORCED WITH #4@12" O.C. TOP, E.W. CONTINUOUS. FOR SLAB FINISHES SEE ARCH DRAWINGS. NEW SLAB ON GRADE FOR HANGAR TO BE 12" THICK, REINFORCED WITH #5@12" O.C. TOP AND BOTTOM CONTINUOUS.
3. FOR SUBGRADE UNDER SLAB ON GRADE SEE TYPICAL DETAILS ON FO200 SERIES DRAWINGS.
4. FOR FOUNDATION SECTIONS SEE DRAWINGS FO300 SERIES.
5. SEE SITE SURVEY DRAWINGS, PLUMBING, ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR PROPOSED AND EXISTING UNDERGROUND UTILITIES.
6. FOR SLAB ON GRADE PROOF ROLL AND BACKFILL USING 1'-0" COMPACTED THICK GRAVEL LAYER BELOW SLAB. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7. COORDINATE LAYOUT AND DIMENSIONS OF PITS, IF ANY, WITH ARCHITECTURAL/MEP DRAWINGS.
8. MEMBRANE TO BE PROVIDED UNDER NEW BUILDING FRAMED SLAB ON GRADE AS SHOWN ON SECTIONS AND/OR ARCHITECTURAL DETAILS.
9. FOR ADDITIONAL NOTES SEE DRAWINGS FO-001.
10. PROVIDE KEYS AND SCREW-IN DOWELS FOR HORIZONTAL REINFORCEMENT AT CONSTRUCTION JOINT FOR ADJACENT HANGAR FOUNDATION ELEMENTS.
11. (X'-X") INDICATES BOTTOM OF FOOTING RELATIVE TO TOP OF SLAB ELEV. 150.1'.
12. COORDINATE DIMENSIONS, EXTENT OF CONCRETE ELEMENTS WITH ARCHITECTURAL DETAILS.
13. (D) - INDICATES BOLLARD SEE TYPICAL DETAIL 9/FO200. COORDINATE WITH ARCH DRAWINGS FOR FINAL LOCATION.
14. FOR DUMPSTER AND MONUMENTAL SIGN LOCATIONS COORDINATE WITH ARCH AND MEP.

GRADE BEAM SCHEDULE

MARK	SIZE	BOTTOM REINF. CONT.	TOP REINF. CONT.	STIRRUPS			REMARKS
				SIZE	Type	SPACING	
GB-1A	20 X 14	4-#9	4-#9	#4		12"	
GB-2	16 X 36	3-#7	2-#7	#4		8"	PROVIDE 2-#7 CONT. FACE BARS EACH SIDE
GB-3	20 X 36	3-#7	3-#7	#4		10"	PROVIDE 2-#7 CONT. FACE BARS EACH SIDE
GB-4	36 X 42	3-#7	4-#7	#4		10"	PROVIDE 2-#7 CONT. FACE BARS EACH SIDE

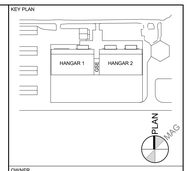
STRAP BEAM SCHEDULE

MARK	SIZE	BOTTOM REINF. CONT.	TOP REINF. CONT.	STIRRUPS			REMARKS
				SIZE	Type	SPACING	
ST-1	60 X 42	6-#9	6-#9	#4		8"	#5 @ 12" O.C. CONT FACE BARS
ST-2	60 X 60	7-#9	7-#9	#4		8"	#5 @ 12" O.C. CONT FACE BARS

FOOTING SCHEDULE (FOOTING ON 4.0 TON/SF)

MARK	SIZE	DEPTH	REINFORCEMENT				REMARKS
			BOTT. SHORT	BOTT. LONG	TOP SHORT	TOP LONG	
4F4.5	4'-6" X 4'-6"	3' - 0"	6-#6	6-#6	-	-	-
4F5.0X8.0	5'-0" X 8'-0"	3' - 0"	5-#7	5-#7	5-#7	5-#7	-
4F6.0	6'-0" X 6'-0"	3' - 0"	6 -#7	6 -#7	-	-	-
4F8.0X16.0	8'-0" X 16'-0"	3' - 6"	17-#10	9-#10	17-#10	9-#10	3-#6 FACE BARS
4F9.0	9'-0" X 9'-0"	3' - 0"	9-#8	9-#8	9-#8	9-#8	2-#6 FACE BARS
4F10.0X12.0	10'-0" X 12'-0"	3' - 6"	11-#10	9-#10	11-#10	9-#10	2-#6 FACE BARS
4F11.5X19.5	11'-6" X 19'-6"	3' - 6"	20-#10	12-#10	20-#10	12-#10	4-#6 FACE BARS
4F14.5X15.5	14'-6" X 15'-6"	3' - 6"	15-#10	14-#10	15-#10	14-#10	2-#6 FACE BARS

KEY PLAN



OWNER

SkyHarbour

ARCHITECT

Margulies Hoelzli *Architecture*

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NORWELL, MA 02061
781.878.3500

NO.	DATE	DESCRIPTION
2	08/01/2025	BID SET
1	04/22/2025	BUILDING DEPARTMENT SUBMISSION

REVISIONS

PROJECT

SKY HARBOUR
HUDSON VALLEY REGIONAL AIRPORT NORTH SITE
263 NEW HACKENSACK ROAD
WAPPINGERS FALLS, NY 12590

DRAWING TITLE

OVERALL FOUNDATION PLAN

SEAL AND SIGNATURE



PROJECT NUMBER 24061.00

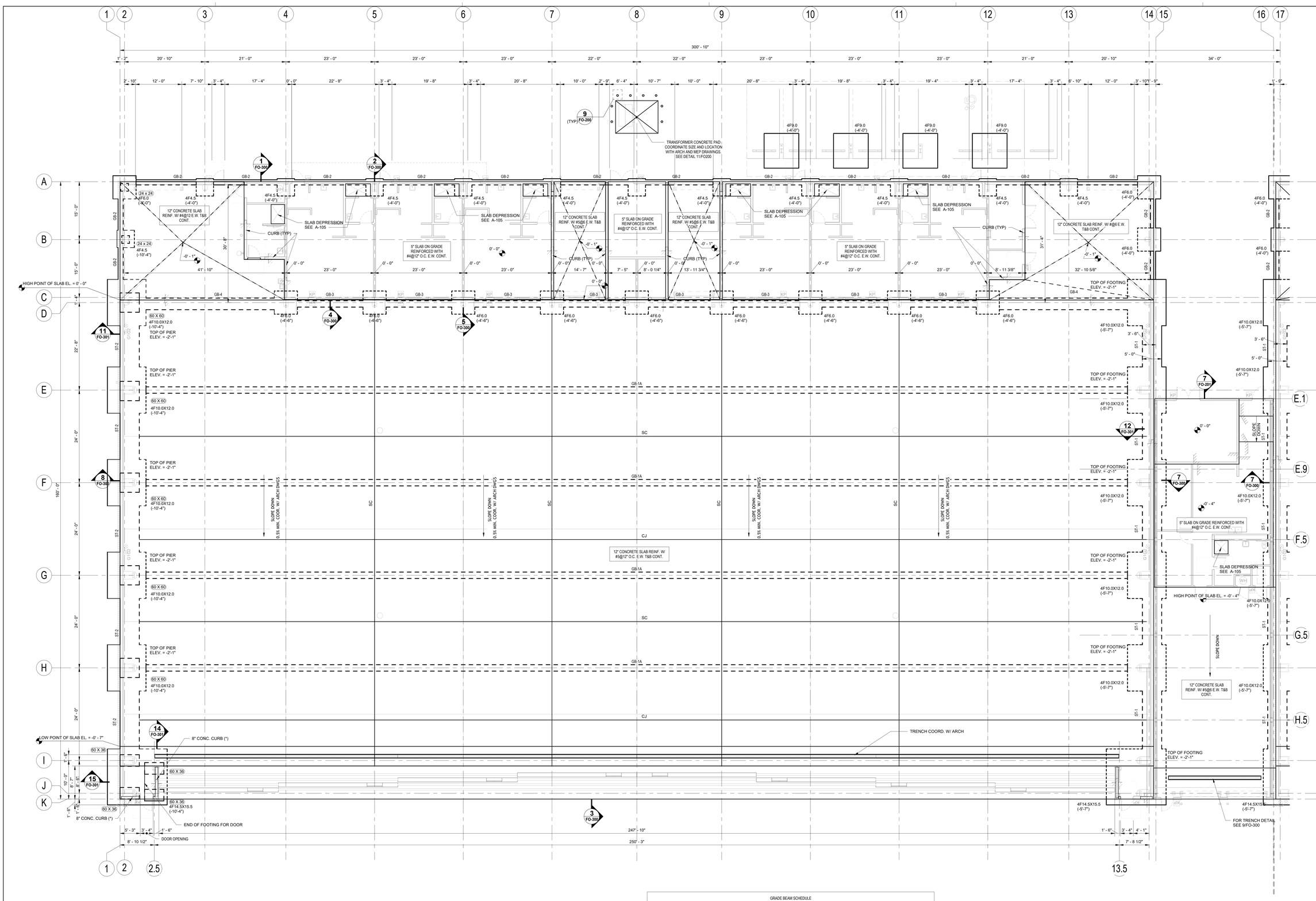
SCALE As indicated

DATE 02/18/25

DRAWING NUMBER FO-101

LAST MODIFIED DATE: 7/31/2025 3:09:37 PM

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HANGAR 1 FOUNDATION PLAN

1/8" = 1'-0"

1/8" = 1'-0" 0 4 16 FT

NOTES:

1. TOP OF NEW FRAMED OFFICE SLAB ON GRADE TO BE AT ELEVATION 0'-0" = EL 150.1' HANGAR SLAB SLOPES FROM ELEV. 150.1 TO ELEV 149.5. TOP OF SLAB ELEVATION, EDGE OF SLAB, DIMENSIONS AND EXTENT OF SLAB DEPRESSIONS TO BE COORDINATED WITH ARCHITECTURAL EDGE OF SLAB DRAWINGS.
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4. FOR FOUNDATION SECTIONS SEE DRAWINGS FO300 SERIES.
5. SEE SITE SURVEY DRAWINGS, PLUMBING, ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR PROPOSED AND EXISTING UNDERGROUND UTILITIES.
6. FOR SLAB ON GRADE PROOF ROLL AND BACKFILL USING 1'-0" COMPACTED THICK GRAVEL LAYER BELOW SLAB. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
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12. COORDINATE DIMENSIONS, EXTENT OF CONCRETE ELEMENTS WITH ARCHITECTURAL DETAILS.
13. ⓑ - INDICATES BOLLARD SEE TYPICAL DETAIL 9/FO200. COORDINATE WITH ARCH DRAWINGS FOR FINAL LOCATION.
14. FOR DUMPSTER AND MONUMENTAL SIGN LOCATIONS COORDINATE WITH ARCH AND MEP.

GRADE BEAM SCHEDULE

MARK	SIZE	BOTTOM REINF. CONT.	TOP REINF. CONT.	STIRRUPS			REMARKS
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GB-3	20 X 36	3-#7	3-#7	#4	☐	10"	PROVIDE 2-#7 CONT. FACE BARS EACH SIDE
GB-4	36 X 42	3-#7	4-#7	#4	☐	10"	PROVIDE 2-#7 CONT. FACE BARS EACH SIDE

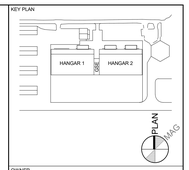
STRAP BEAM SCHEDULE

MARK	SIZE	BOTTOM REINF. CONT.	TOP REINF. CONT.	STIRRUPS			REMARKS
				SIZE	Type	SPACING	
ST-1	60 X 42	6-#9	6-#9	#4	☐	8"	#5 @ 12" O.C. CONT FACE BARS
ST-2	60 X 60	7-#9	7-#9	#4	☐	8"	#5 @ 12" O.C. CONT FACE BARS

FOOTING SCHEDULE (FOOTING ON 4.0 TON/SF)

MARK	SIZE	DEPTH	REINFORCEMENT				REMARKS
			BOTT. SHORT	BOTT. LONG	TOP SHORT	TOP LONG	
4F4.5	4'-6" X 4'-6"	3' - 0"	6-#6	6-#6	-	-	-
4F5.0X8.0	5'-0" X 8'-0"	3' - 0"	8-#7	5-#7	8-#7	5-#7	-
4F6.0	6'-0" X 6'-0"	3' - 0"	6 -#7	6 -#7	-	-	-
4F8.0X16.0	8'-0" X 16'-0"	3' - 6"	17-#10	9-#10	17-#10	9-#10	3-#6 FACE BARS
4F9.0	9'-0" X 9'-0"	3' - 0"	9-#8	9-#8	9-#8	9-#8	2-#6 FACE BARS
4F10.0X12.0	10'-0" X 12'-0"	3' - 6"	11-#10	9-#10	11-#10	9-#10	2-#6 FACE BARS
4F11.5X19.5	11'-6" X 19'-6"	3' - 6"	20-#10	12-#10	20-#10	12-#10	4-#6 FACE BARS
4F14.5X15.5	14'-6" X 15'-6"	3' - 6"	15-#10	14-#10	15-#10	14-#10	2-#6 FACE BARS

KEY PLAN



OWNER

SkyHarbour

ARCHITECT

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NO. REVISIONS	DATE	DESCRIPTION
2	08/01/2025	BID SET
1	04/22/2025	BUILDING DEPARTMENT SUBMISSION

PROJECT

SKY HARBOUR
HUDSON VALLEY REGIONAL AIRPORT NORTH SITE
263 NEW HACKENSACK ROAD
WAPPINGERS FALLS, NY 12590

DRAWING TITLE

HANGAR 1 FOUNDATION PLAN

SEAL AND SIGNATURE

STATE OF NEW YORK — OSKAR C. BAZIL — No. 090972 — LICENSED PROFESSIONAL ENGINEER

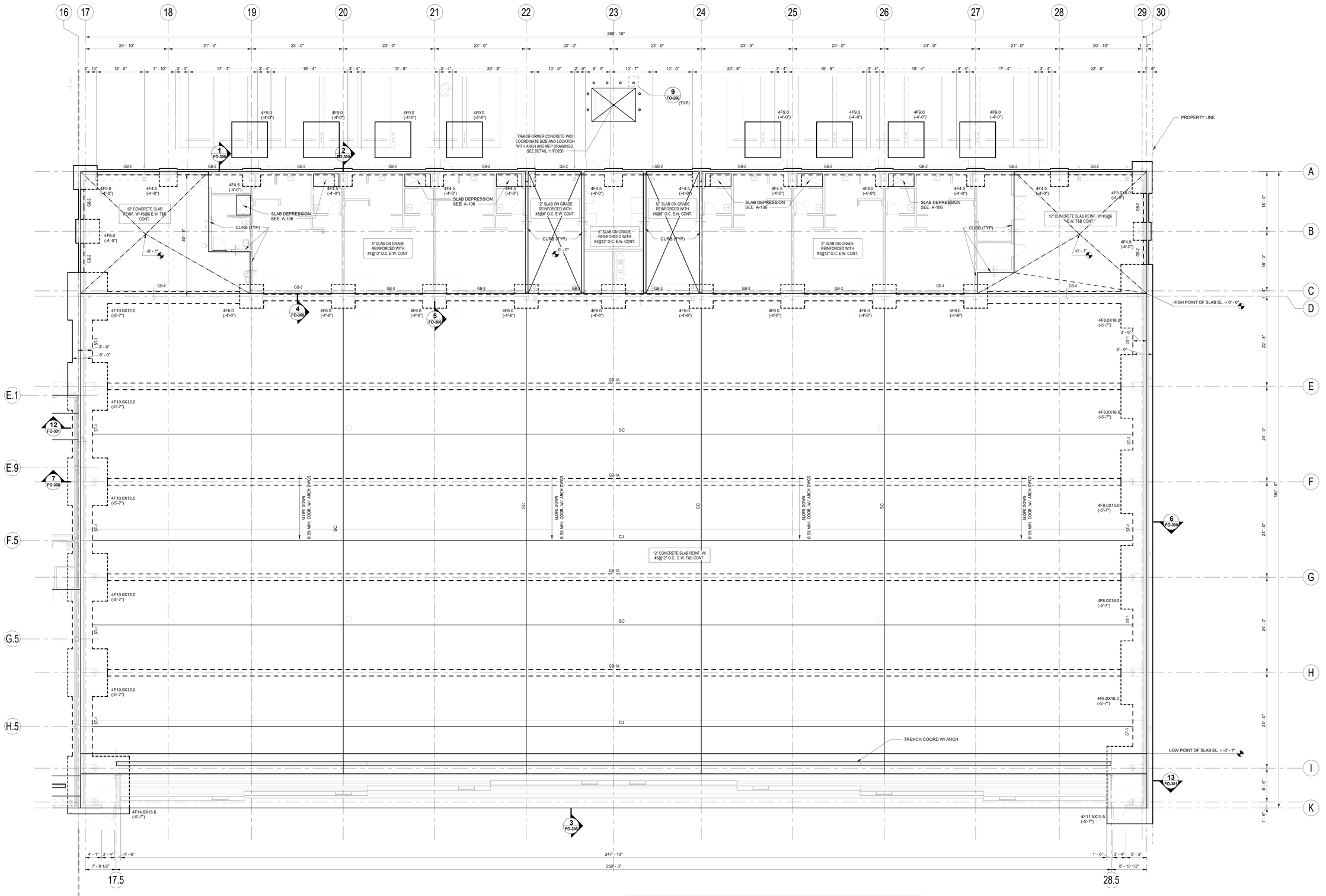
PROJECT NUMBER: 24061.00
SCALE: 1/8" = 1'-0"
DATE: 02/19/25

DRAWING NUMBER

FO-101A

LAST MODIFIED DATE: 7/31/2025 3:09:39 PM

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HANGAR 2 FOUNDATION PLAN

1/8" = 1'-0"

1/8" = 1'-0" 0 4 16 FT

NOTES:

1. TOP OF NEW FRAMED OFFICE SLAB ON GRADE TO BE AT ELEVATION 0'-0" = EL.150.1' HANGAR SLAB SLOPES FROM ELEV. 150.1 TO ELEV 149.5. TOP OF SLAB ELEVATION, EDGE OF SLAB, DIMENSIONS AND EXTENT OF SLAB DEPRESSIONS TO BE COORDINATED WITH ARCHITECTURAL EDGE OF SLAB DRAWINGS.
2. NEW SLAB ON GRADE FOR OFFICE TO BE 5-IN THICK, REINFORCED WITH #4@12" O.C. TOP, E.W. CONTINUOUS. FOR SLAB FINISHES SEE ARCH DRAWINGS. NEW SLAB ON GRADE FOR HANGAR TO BE 12" THICK, REINFORCED WITH #5@12" O.C. TOP AND BOTTOM CONTINUOUS.
3. FOR SUBGRADE UNDER SLAB ON GRADE SEE TYPICAL DETAILS ON FO200 SERIES DRAWINGS.
4. FOR FOUNDATION SECTIONS SEE DRAWINGS FO300 SERIES.
5. SEE SITE SURVEY DRAWINGS, PLUMBING, ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR PROPOSED AND EXISTING UNDERGROUND UTILITIES.
6. FOR SLAB ON GRADE PROOF ROLL AND BACKFILL USING 1'-0" COMPACTED THICK GRAVEL LAYER BELOW SLAB. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7. COORDINATE LAYOUT AND DIMENSIONS OF PITS, IF ANY, WITH ARCHITECTURAL/MEP DRAWINGS.
8. MEMBRANE TO BE PROVIDED UNDER NEW BUILDING FRAMED SLAB ON GRADE AS SHOWN ON SECTIONS AND/OR ARCHITECTURAL DETAILS.
9. FOR ADDITIONAL NOTES SEE DRAWINGS FO-001.
10. PROVIDE KEYS AND SCREW-IN DOWELS FOR HORIZONTAL REINFORCEMENT AT CONSTRUCTION JOINT FOR ADJACENT HANGAR FOUNDATION ELEMENTS.
11. (X'-X") INDICATES BOTTOM OF FOOTING RELATIVE TO TOP OF SLAB ELEV. 150.1'.
12. COORDINATE DIMENSIONS, EXTENT OF CONCRETE ELEMENTS WITH ARCHITECTURAL DETAILS.
13. (B) - INDICATES BOLLARD SEE TYPICAL DETAIL 9/FO200. COORDINATE WITH ARCH DRAWINGS FOR FINAL LOCATION.
14. FOR DUMPSTER AND MONUMENTAL SIGN LOCATIONS COORDINATE WITH ARCH AND MEP.

GRADE BEAM SCHEDULE

MARK	SIZE	BOTTOM REINF. CONT.	TOP REINF. CONT.	STIRRUPS			REMARKS
				SIZE	Type	SPACING	
GB-1A	20 X 14	4-#9	4-#9	#4	2	12"	
GB-2	16 X 36	3-#7	2-#7	#4	2	8"	PROVIDE 2-#7 CONT. FACE BARS EACH SIDE
GB-3	20 X 36	3-#7	3-#7	#4	2	10"	PROVIDE 2-#7 CONT. FACE BARS EACH SIDE
GB-4	36 X 42	3-#7	4-#7	#4	2	10"	PROVIDE 2-#7 CONT. FACE BARS EACH SIDE

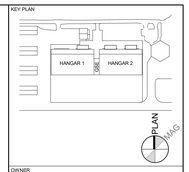
STRAP BEAM SCHEDULE

MARK	SIZE	BOTTOM REINF. CONT.	TOP REINF. CONT.	STIRRUPS			REMARKS
				SIZE	Type	SPACING	
ST-1	60 X 42	6-#9	6-#9	#4	4	8"	#5 @ 12" O.C. CONT FACE BARS
ST-2	60 X 60	7-#9	7-#9	#4	4	8"	#5 @ 12" O.C. CONT FACE BARS

FOOTING SCHEDULE (FOOTING ON 4.0 TON/SF)

MARK	SIZE	DEPTH	REINFORCEMENT				REMARKS
			BOTT. SHORT	BOTT. LONG	TOP SHORT	TOP LONG	
4F4.5	4'-6" X 4'-6"	3' - 0"	6-#5	6-#5	-	-	-
4F5.0X8.0	5'-0" X 8'-0"	3' - 0"	8-#7	5-#7	8-#7	5-#7	-
4F6.0	6'-0" X 6'-0"	3' - 0"	6 -#7	6 -#7	-	-	-
4F8.0X16.0	8'-0" X 16'-0"	3' - 6"	17-#10	9-#10	17-#10	9-#10	3-#6 FACE BARS
4F9.0	9'-0" X 9'-0"	3' - 0"	9-#8	9-#8	9-#8	9-#8	2-#6 FACE BARS
4F10.0X12.0	10'-0" X 12'-0"	3' - 6"	11-#10	9-#10	11-#10	9-#10	2-#6 FACE BARS
4F11.5X19.5	11'-6" X 19'-6"	3' - 6"	20-#10	12-#10	20-#10	12-#10	4-#6 FACE BARS
4F14.5X15.5	14'-6" X 15'-6"	3' - 6"	15-#10	14-#10	15-#10	14-#10	2-#6 FACE BARS

KEY PLAN



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PROJECT

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HUDSON VALLEY REGIONAL AIRPORT NORTH SITE
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DRAWING TITLE

HANGAR 2 FOUNDATION PLAN

SEAL AND SIGNATURE



PROJECT NUMBER: 24061.00

SCALE: 1/8" = 1'-0"

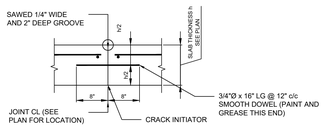
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DRAWING NUMBER

FO-101B

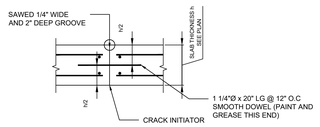
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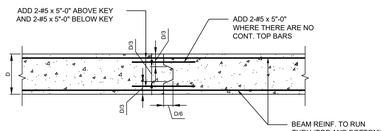
1 FO-200 TYPICAL SAW CUT JOINT DETAIL FOR OFFICE BUILDING SLAB-ON-GRADE

SCALE: N.T.S.



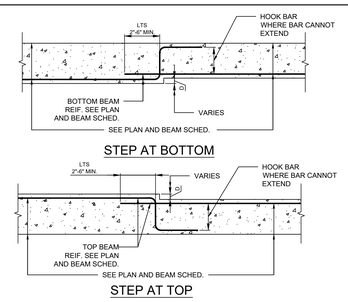
2 FO-200 TYPICAL SAW CUT JOINT DETAIL FOR HANGAR SLAB-ON-GRADE

SCALE: N.T.S.



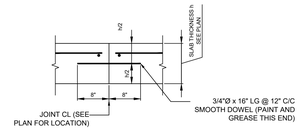
3 FO-200 TYPICAL CONSTRUCTION JOINT DETAIL IN GRADE BEAM

SCALE: N.T.S.



4 FO-200 TYPICAL DETAIL ON STEP IN GRADE BEAM

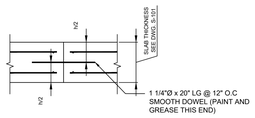
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TYPICAL CONSTRUCTION JOINT

5 FO-200 DETAIL FOR OFFICE BUILDING SLAB-ON-GRADE

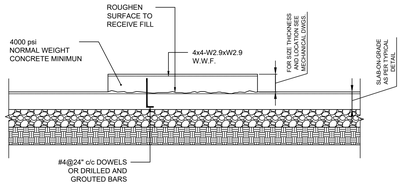
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TYPICAL CONSTRUCTION JOINT

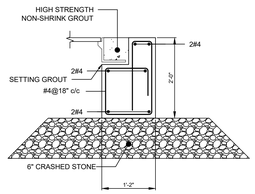
6 FO-200 DETAIL FOR HANGAR SLAB-ON-GRADE

SCALE: N.T.S



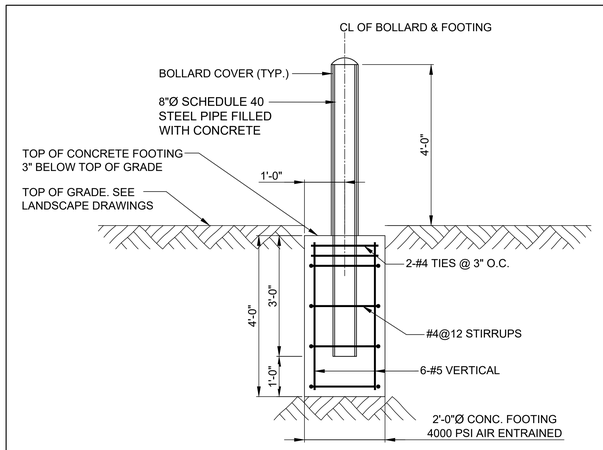
7 FO-200 TYPICAL DETAIL OF MECHANICAL HOUSEKEEPING PADS (OFFICE BUILDING SLAB ONLY)

SCALE: N.T.S.



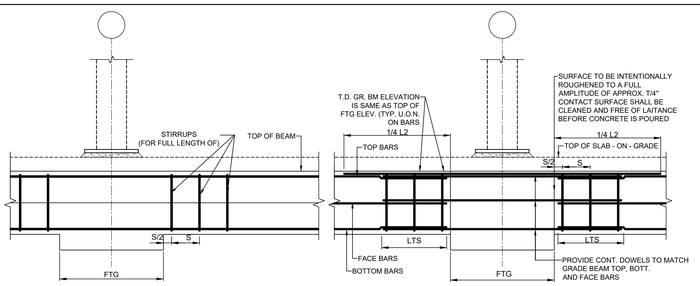
8 FO-200 CONCRETE COLLAR DETAIL

SCALE:N.T.S



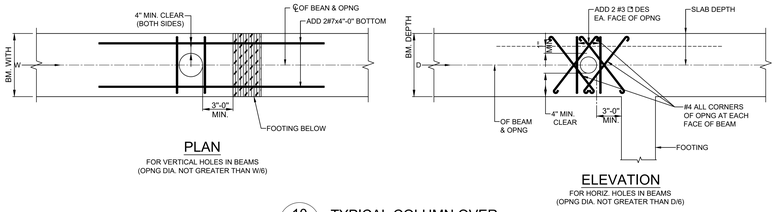
9 FO-200 TYPICAL PIPE BOLLARD

SCALE: 3/4"=1'-0"



GRADE BEAM IS POURED MONOLITIC WITH FOOTING

GRADE BEAM IS NOT POURED MONOLITIC WITH FOOTING



PLAN

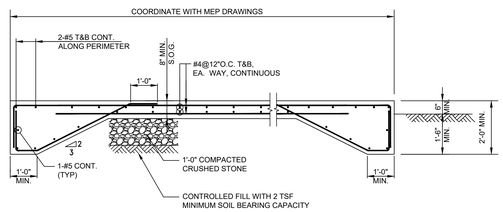
FOR VERTICAL HOLES IN BEAMS
(OPNG DIA. NOT GREATER THAN W/6)

ELEVATION

FOR HORIZ. HOLES IN BEAMS
(OPNG DIA. NOT GREATER THAN D/6)

10 FO-200 TYPICAL COLUMN OVER GRADE BEAM DETAILS

SCALE: N.T.S.



11 FO-200 TYPICAL DUMPSTER/TRANSFORMER CONCRETE PAD DETAIL

SCALE:1/2"=1' - 0"

NOTES:

1. COORDINATE WITH MEP DRAWINGS.
2. ALL REBAR TO BE EPOXY COATED.

0 2 4

SCALE IN FEET

REBAR DEVELOPMENT AND SPLICE LENGTH

(Based on ACI318-05, Section 12.2.2 and Section 12.2.3)

Properties: fc = 5,000 psi
Fy = 60,000 psi

Bar Size	Bar Dia. (db)	Straight Tension Bar: Development Length (Lap Splice) CASE I Top Bar	CASE I Other	CASE II Top Bar	CASE II Other	Lap Splice Length (Class B) (inches) CASE I Top Bar	CASE I Other	CASE II Top Bar	CASE II Other	Straight Compression Bar: Development Length (in.)	Lap Splice Length (in.)	Standard Hook: Development Length (in.)
#3	0.375	17	13	25	19	22	17	32	25	8	12	6
#4	0.500	22	17	33	25	29	22	43	33	9	15	8
#5	0.625	28	21	41	32	36	28	54	41	11	19	11
#6	0.750	33	25	50	38	43	33	65	50	14	23	13
#7	0.875	48	37	72	56	63	48	94	72	16	26	15
#8	1.000	55	42	83	64	72	55	108	83	18	30	17
#9	1.128	62	48	93	72	81	62	121	93	20	34	19
#10	1.270	70	54	105	81	91	70	137	105	23	38	22
#11	1.410	78	60	117	90	101	78	152	117	25	42	24
#14	1.693	93	72	140	108	---	---	---	---	30	---	29
#18	2.257	124	96	187	144	---	---	---	---	41	---	38

Notes:

1). Case I.
For beams and columns, concrete clear cover >= db, and c to c bar spacing >=2db and with stirrups or ties throughout L(d) not less than the code minimum.
For other elements, clear concrete cover >= db and c to c bar spacing >= 3db.

2). Case II.
For Beams and columns, clear concrete cover < db or c to c bar spacing < 2db.
For other elements, clear concrete cover < db or c to c bar spacing < 3db.

3). Top bars are horizontal bars placed such that more than 12 inches of fresh concrete is cast below the development length or splice.

4). Tabulated values above use following factors in calculation:
ψt =1.3 for top bar, ψt = 1.0 for other bar.
ψs =0.8 for #6 and smaller bar, ψs=1.0 for #7 and larger bar.
ψe = 1.0 for uncoated bars, λ = 1.0 for normal weight concrete.

The tabulated values above must be multiplied by the following factors where appliable:
a). For epoxy coated bars or light weight concrete straight bars in tension, factors:
ψe = 1.5 if epoxy coated bars with clear cover < 3db, or clear spacing < 6db.
ψe = 1.2 if epoxy coated bars with clear cover >= 3db, and clear spacing >= 6db.
λ = 1.3 if light weight concrete.
ψt*ψe <= 1.7 Maximum Limit.
b). For compression bars,
for development length caculation, multiplied by 0.75 if rebars enclosed with ties #4@<=4"
for lap splice length caculation, multiplied by 0.83 if rebars enclosed with ties #4@<=4"
c). For Development of Standard 90 degree Hook in Tension:
multiplied by 0.7 if hook side cover not less than 2.5" and end cover not less than 2".
multiplied by 0.8 if hook enclosed with Ties @ <= 3"db.
multiplied by 1.2 if rebars are epoxy coated

REBAR DEVELOPMENT AND SPLICE LENGTH

(Based on ACI318-05, Section 12.2.2 and Section 12.2.3)

Properties: fc = 4,500 psi
Fy = 60,000 psi

Bar Size	Bar Dia. (db)	Straight Tension Bar: Development Length (inch) CASE I Top Bar	CASE I Other bars	CASE II Top Bar	CASE II Other bars	Lap Splice Length (Class B) (inches) CASE I Top Bar	CASE I Other bars	CASE II Top Bar	CASE II Other bars	Straight Compression Bar: Development Length (in.)	Lap Splice Length (in.)	Standard Hook: Development Length (in.)
#3	0.375	17	13	26	20	23	17	34	26	8	12	7
#4	0.500	23	18	35	27	30	23	45	35	9	15	9
#5	0.625	29	22	44	34	38	29	57	44	11	19	11
#6	0.750	35	27	52	40	45	35	68	52	14	23	13
#7	0.875	51	39	76	59	66	51	99	76	16	26	16
#8	1.000	58	45	87	67	76	58	113	87	18	30	18
#9	1.128	66	50	98	76	85	66	128	98	20	34	20
#10	1.270	74	57	111	85	96	74	144	111	23	38	23
#11	1.410	82	63	123	95	107	82	160	123	25	42	25
#14	1.693	98	76	148	114	---	---	---	---	30	---	30
#18	2.257	131	101	197	151	---	---	---	---	41	---	40

REBAR EMBEDMENT AND SPLICE LENGTH SCHEDULE

(Based on ACI318-02, Section 12.2.2)

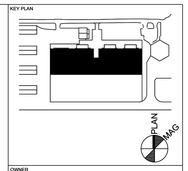
Properties: fc = 4000 psi; Fy = 60000 psi; Aggregate: Normal; Coating: Uncoated; Weight λ = 1; β = 1

Bar Size	Bar Dia. (in.)	Compression: Embedment Length	xdb	Lap Splice Length	xdb	Tension: Embedment Length CASE I Top Bars	xdb	Other bars	xdb	CASE II Top Bars	xdb	Other bars	xdb	Lap Splice Length (Class B) CASE I Top Bars	xdb	Other bars	xdb	CASE II Top Bars	xdb	Other bars	xdb
		LCE		LCS		LTE		LTE		LTE		LTE		LTS		LTS		LTS		LTS	
#3	0.375	8	21	12	32	18	49	14	38	28	74	21	57	24	64	18	49	36	96	28	74
#4	0.500	10	20	15	30	25	49	19	38	37	74	28	57	32	64	25	49	48	96	37	74
#5	0.625	12	19	19	30	31	49	24	38	46	74	36	57	40	64	31	49	60	96	46	74
#6	0.750	15	20	23	31	37	49	28	38	55	74	43	57	48	64	37	49	72	96	55	74
#7	0.875	17	19	27	31	54	62	42	47	81	92	62	71	70	80	54	62	105	120	81	92
#8	1.000	19	19	30	30	62	62	47	47	92	92	71	71	80	80	62	62	120	120	92	92
#9	1.128	22	20	34	30	70	62	54	47	104	92	80	71	90	80	70	62	136	120	104	92
#10	1.270	25	20	39	31	78	62	60	47	117	92	90	71	102	80	78	62	153	120	117	92
#11	1.410	27	19	43	30	87	62	67	47	130	92	100	71	113	80	87	62	170	120	130	92

12 FO-200 REBAR EMBEDMENT & SPLICE LENGTH SCHEDULE

SCALE: N.T.S.

KEY PLAN



OWNER

SkyHarbour

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FIRE PROTECTION

HOWE ENGINEERS
141 LONGWATER DRIVE, SUITE 110
NORWELL, MA 02061
781.878.3500

NO.	DATE	DESCRIPTION
2	08/01/2025	BID SET
1	04/22/2025	BUILDING DEPARTMENT SUBMISSION

PROJECT

SKY HARBOUR
HUDSON VALLEY REGIONAL AIRPORT NORTH SITE
263 NEW HACKENSACK ROAD
WAPPINGERS FALLS, NY 12590

DRAWING TITLE

TYPICAL FOUNDATION DETAILS - SHEET 1

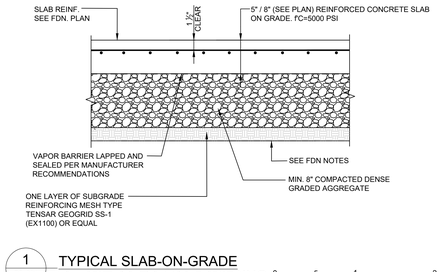
SEAL AND SIGNATURE

STATE OF NEW YORK
SUSAN C. BAGLIO
No. 093471
LICENSED PROFESSIONAL ENGINEER

PROJECT NUMBER: 24061.00
SCALE: AS INDICATED
DATE:
DRAWING NUMBER: FO-200

LAST MODIFIED DATE:

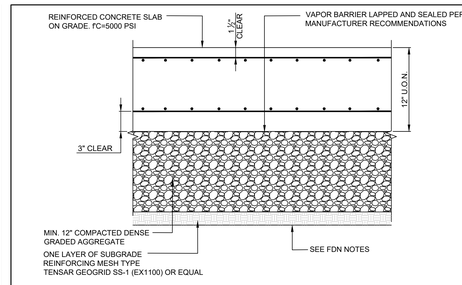
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1 FO-201 TYPICAL SLAB-ON-GRADE DETAIL FOR OFFICE BUILDING

SCALE:1 1/2"=1'-0"

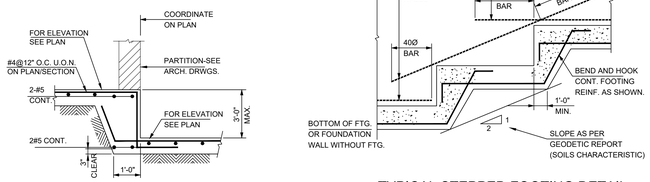
0 .5 1 2 SCALE IN FEET



2 FO-201 TYPICAL SLAB-ON-GRADE DETAIL FOR HANGAR

SCALE:1 1/2"=1'-0"

0 .5 1 2 SCALE IN FEET



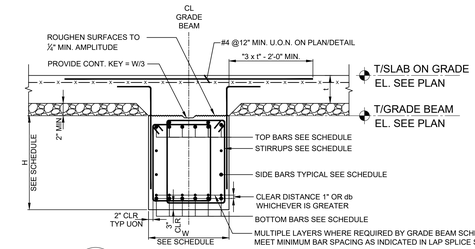
TYPICAL STEPPED SLAB

TYPICAL STEPPED FOOTING DETAIL

3 FO-201 DETAILS

SCALE: 1/2"=1'-0"

0 2 4 SCALE IN FEET

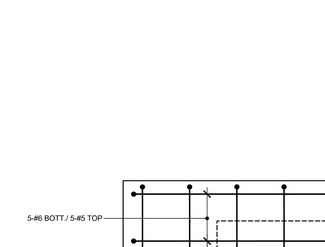


4 FO-201 GRADE BEAM SECTION TYPICAL

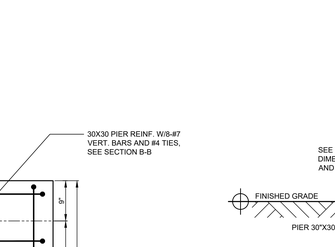
SCALE:N.T.S.

NOTE:

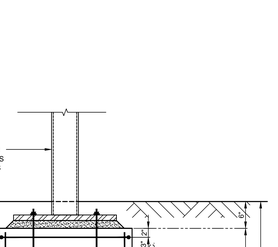
1. IF H IS GREATER THAN 24" PROVIDE SIDE BARS #5@10" MINIMUM UON IN SCHEDULE.



GRADE BEAM - T - INTERSECTION



GRADE BEAM - INTERIOR INTERSECTION



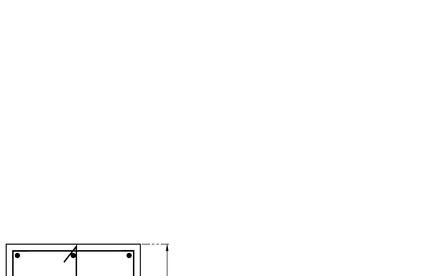
GRADE BEAM - CORNER CONDITION

5 FO-201 TYPICAL GRADE BEAM INTERSECTION PLAN DETAILS

SCALE: N.T.S.

NOTE:

1. GRADE BEAM LONGITUDINAL REINFORCEMENT AND STIRRUPS NOT SHOWN FOR CLARITY.
2. FOR U-SHAPED TIES SEE TYPICAL GRADE BEAM ELEVATION.



6 FO-201 TYPICAL PIER DETAIL (MAIN FRAME HANGAR COLUMNS)

SCALE: 1-1/2"=1'-0"

0 .5 1 2 SCALE IN FEET

A-A

SCALE: N.T.S.

7 FO-201 TYPICAL SLAB EDGE DETAIL

SCALE: 3/4"=1'-0"

0 1 2 3 SCALE IN FEET

SCHEDULE A				
ANCHOR ROD DIAMETER	BASE PL HOLE DIA	MIN WASHER SIZE	MIN PROJ ABOVE BASE PL	NOMINAL GROUT THICKNESS
3/4"	1-5/16"	2"	1/4"	2"
1"	1-13/16"	3"	3/8"	2"
1-1/4"	2-1/16"	3"	1/2"	2"
1-1/2"	2-5/16"	3-1/2"	1/2"	2"

NOTE:

1. ANCHOR ROD MATERIAL: ASTM F1554 GR 55 (SUPPLEMENT S1).

8 FO-201 TYPICAL ANCHOR ROD DETAIL

SCALE:N.T.S.

9 FO-201 TYPICAL 24X24 COLUMN PIER (MAIN FRAME HANGAR COLUMNS)

SCALE: 1-1/2"=1'-0"

0 .5 1 2 SCALE IN FEET

10 FO-201 MONUMENTAL SIGN FOOTING PLAN

SCALE: 1"=1'-0"

0 1 2 SCALE IN FEET

A-A

SCALE: 1"=1'-0"

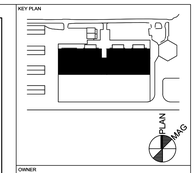
0 1 2 SCALE IN FEET

B-B

NOTE:

1. 30X30 PIER REINF. W/8-#7 VERT. BARS AND #4 TIES

KEY PLAN



OWNER

SkyHarbour

ARCHITECT

Margulies Hoelzli *Architecture*

543 EIGHTH AVENUE, 19TH FLOOR
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FIRE PROTECTION

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REVISIONS

PROJECT

SKY HARBOUR
HUDSON VALLEY REGIONAL AIRPORT
NORTH SITE
283 NEW HACKENSACK ROAD
WAPPINGERS FALLS, NY 12590

DRAWING TITLE

TYPICAL FOUNDATION DETAILS - SHEET 1

SEAL AND SIGNATURE

PROJECT NUMBER: 24061.00

SCALE: AS INDICATED

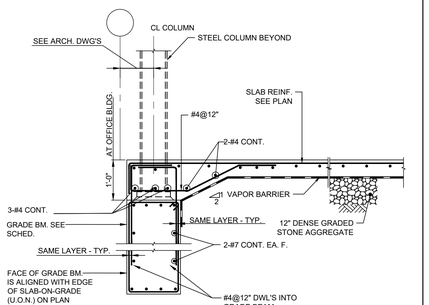
DATE:

DRAWING NUMBER

FO-201

LAST MODIFIED DATE:

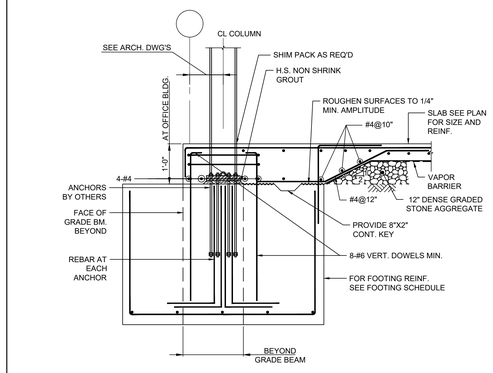
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1 FO-300 **SECTION (TYPICAL AT GRADE BM'S)**
SCALE: 3/4"=1'-0"
0 1 2 3
SCALE IN FEET

NOTES:

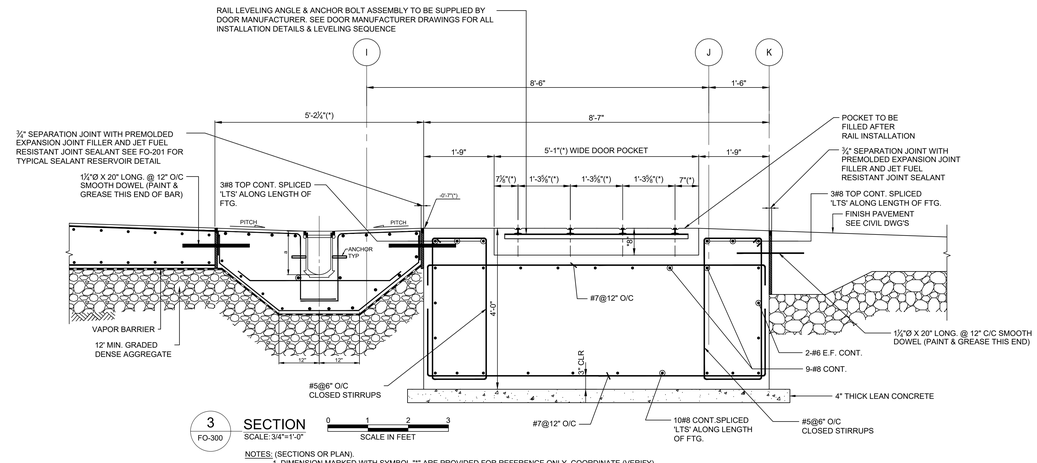
1. MIRROR SLAB REINFORCEMENT WHEN SLAB IS AT BOTH SIDES OF BEAM.
2. COLUMN, BASEPLATE AND ANCHORS BY PREFAB MANUFACTURER GC TO COORDINATE.



2 FO-300 **TYPICAL COLUMN SUPPORT DETAIL**
SCALE: 3/4"=1'-0"
0 1 2 3
SCALE IN FEET

NOTES:

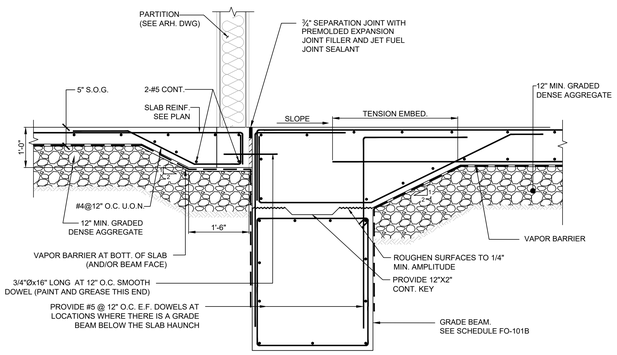
1. ALL ANCHORS TO HAVE DOUBLE NUT TOP AND BOTTOM. TYPICAL AT ALL COLUMNS.



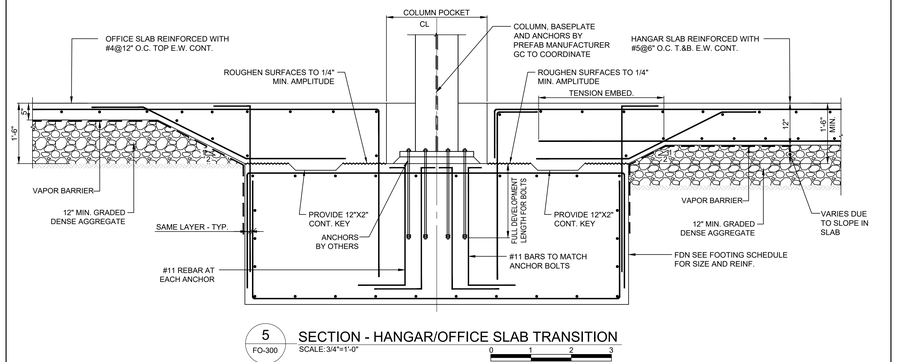
3 FO-300 **SECTION**
SCALE: 3/4"=1'-0"
0 1 2 3
SCALE IN FEET

NOTES: (SECTIONS OR PLAN),

1. DIMENSION MARKED WITH SYMBOL "*" ARE PROVIDED FOR REFERENCE ONLY. COORDINATE (VERIFY) WITH DOOR MANUFACTURER PRIOR TO CONSTRUCTION.



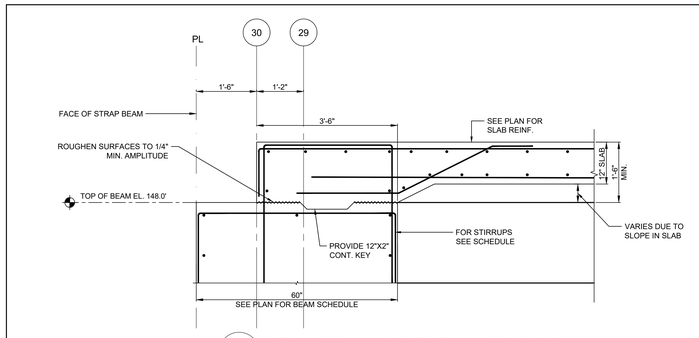
4 FO-300 **SECTION**
SCALE: 3/4"=1'-0"
0 1 2 3
SCALE IN FEET



5 FO-300 **SECTION - HANGAR/OFFICE SLAB TRANSITION**
SCALE: 3/4"=1'-0"
0 1 2 3
SCALE IN FEET

NOTES:

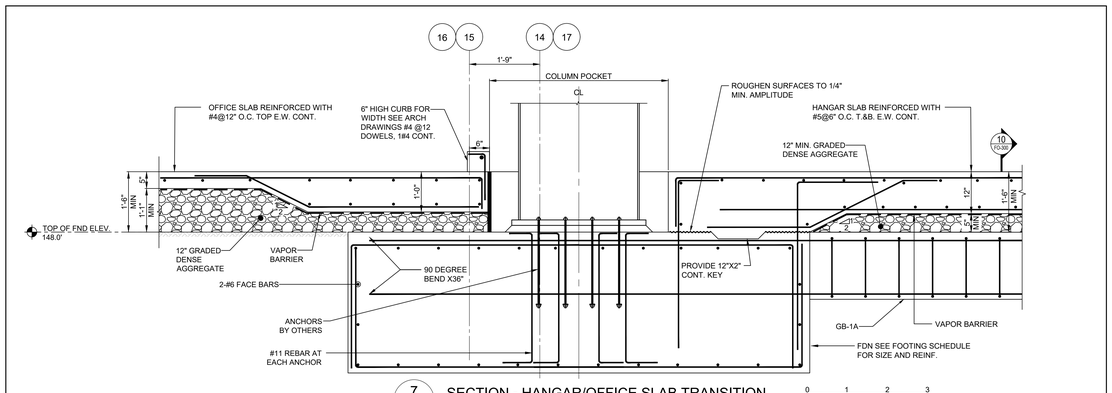
1. ALL ANCHORS TO HAVE DOUBLE NUT TOP AND BOTTOM. TYPICAL AT ALL COLUMNS.



6 FO-300 **SECTION - BEAM/SLAB AT EDGE - HANGAR**
SCALE: 3/4"=1'-0"
0 1 2 3
SCALE IN FEET

NOTES:

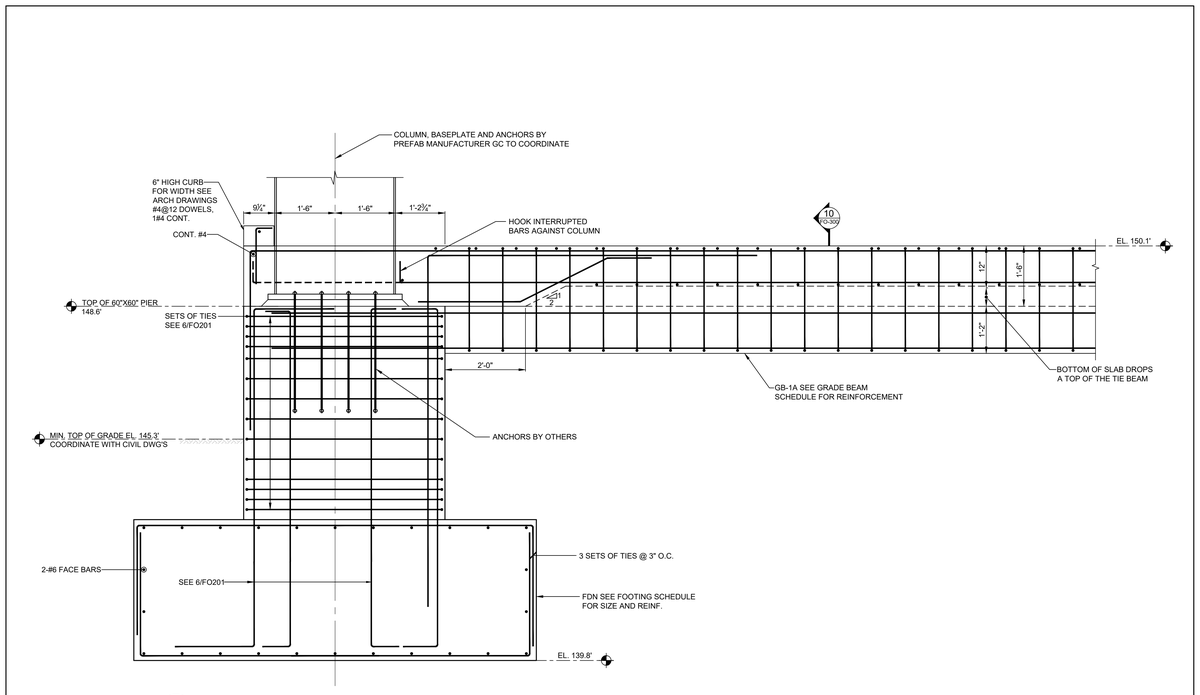
1. SLAB THICKNESS TO BE 12" U.O.N. ON PLAN.
2. SEE PLAN FOR BEAM SCHEDULE
3. FOR ADDITIONAL INFORMATION SEE SECTION 1/FO202 TYPICAL FOR GRADE BEAMS.



7 FO-300 **SECTION - HANGAR/OFFICE SLAB TRANSITION**
SCALE: 3/4"=1'-0"
0 1 2 3
SCALE IN FEET

NOTES:

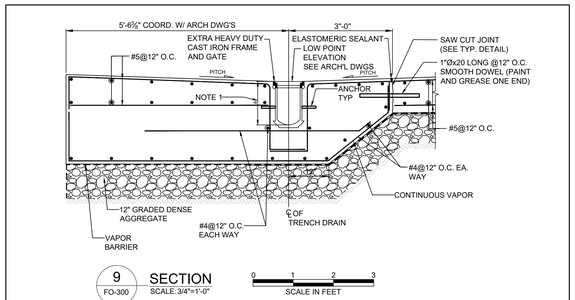
1. ALL ANCHORS TO HAVE DOUBLE NUT TOP AND BOTTOM. TYPICAL AT ALL COLUMNS.
2. COLUMN, BASEPLATE AND ANCHORS BY PREFAB MANUFACTURER GC TO COORDINATE.



8 FO-300 **SECTION - HANGAR/COLUMN WITH PIER**
SCALE: 3/4"=1'-0"
0 1 2 3
SCALE IN FEET

NOTES:

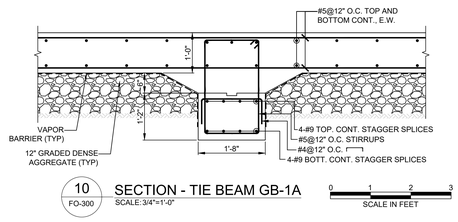
1. ALL ANCHORS TO HAVE DOUBLE NUT TOP AND BOTTOM. TYPICAL AT ALL COLUMNS.



9 FO-300 **SECTION**
SCALE: 3/4"=1'-0"
0 1 2 3
SCALE IN FEET

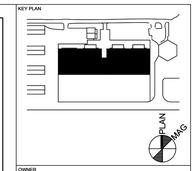
NOTES:

1. a - INDICATES DIMENSION VARIES BASED ON THE SLOPE OF TRENCH DRAIN



10 FO-300 **SECTION - TIE BEAM GB-1A**
SCALE: 3/4"=1'-0"
0 1 2 3
SCALE IN FEET

KEY PLAN



OWNER

SkyHarbour

ARCHITECT

Margulies Hoelzli *Architecture*
543 EIGHTH AVENUE, 19TH FLOOR
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52 GLENMAURA NATIONAL BOULEVARD, SUITE 302
SCRANTON, PA 18505
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FIRE PROTECTION

HOWE ENGINEERS
141 LONGWATER DRIVE, SUITE 110
NORWELL, MA 02061
781.878.3500

NO. REVISIONS	DATE	DESCRIPTION
2	08/01/2025	BID SET
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PROJECT

SKY HARBOUR
HUDSON VALLEY REGIONAL AIRPORT NORTH SITE
263 NEW HACKENSACK ROAD
WAPPINGERS FALLS, NY 12590

DRAWING TITLE

FOUNDATION SECTIONS - SHEET 1

SEAL AND SIGNATURE



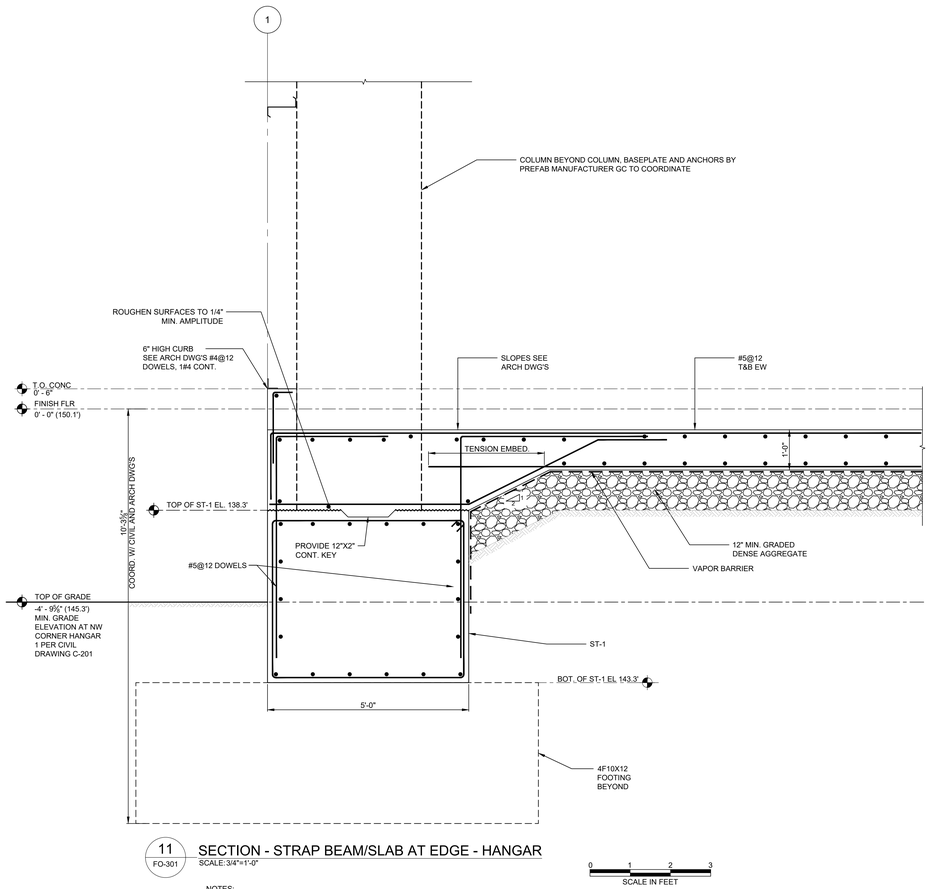
PROJECT NUMBER 24061.00
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FO-300

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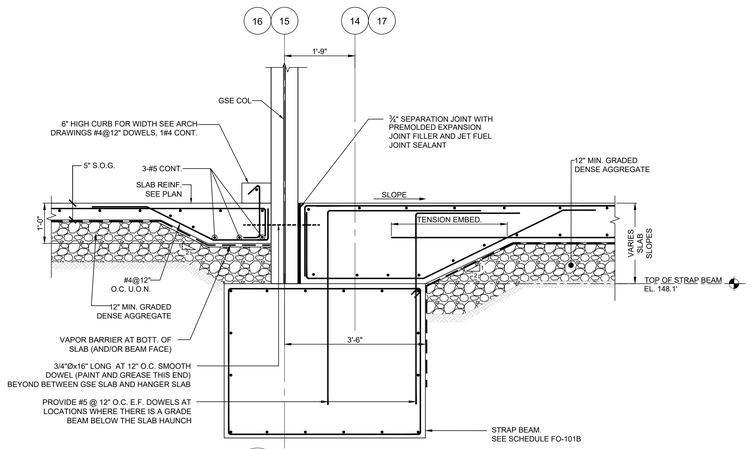


11 FO-301 SECTION - STRAP BEAM/SLAB AT EDGE - HANGAR
SCALE:3/4"=1'-0"

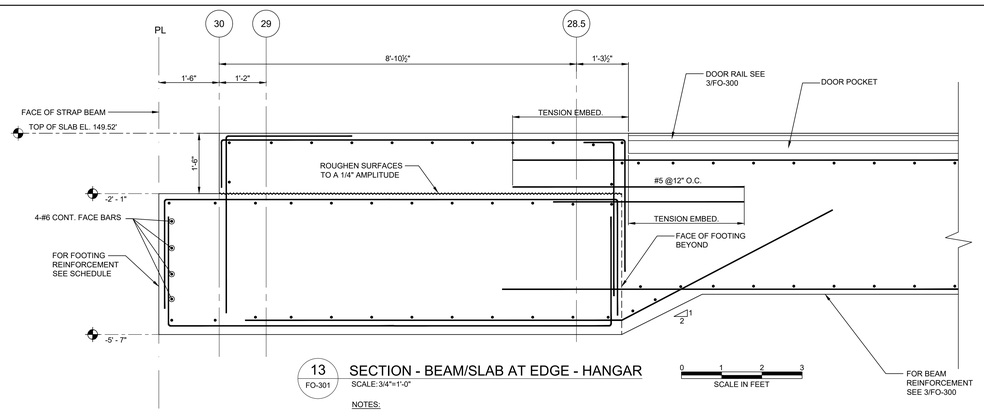
0 1 2 3
SCALE IN FEET

NOTES:

1. AT CONSTRUCTION JOINT BETWEEN BOTTOM OF SLAB AND TOP OF FOOTING/PIER PROVIDE KEY AND ROUGHEN SURFACES TO ¼" MIN. AMPLITUDE. TYPICAL.



12 FO-301 SECTION
SCALE:N.T.S.

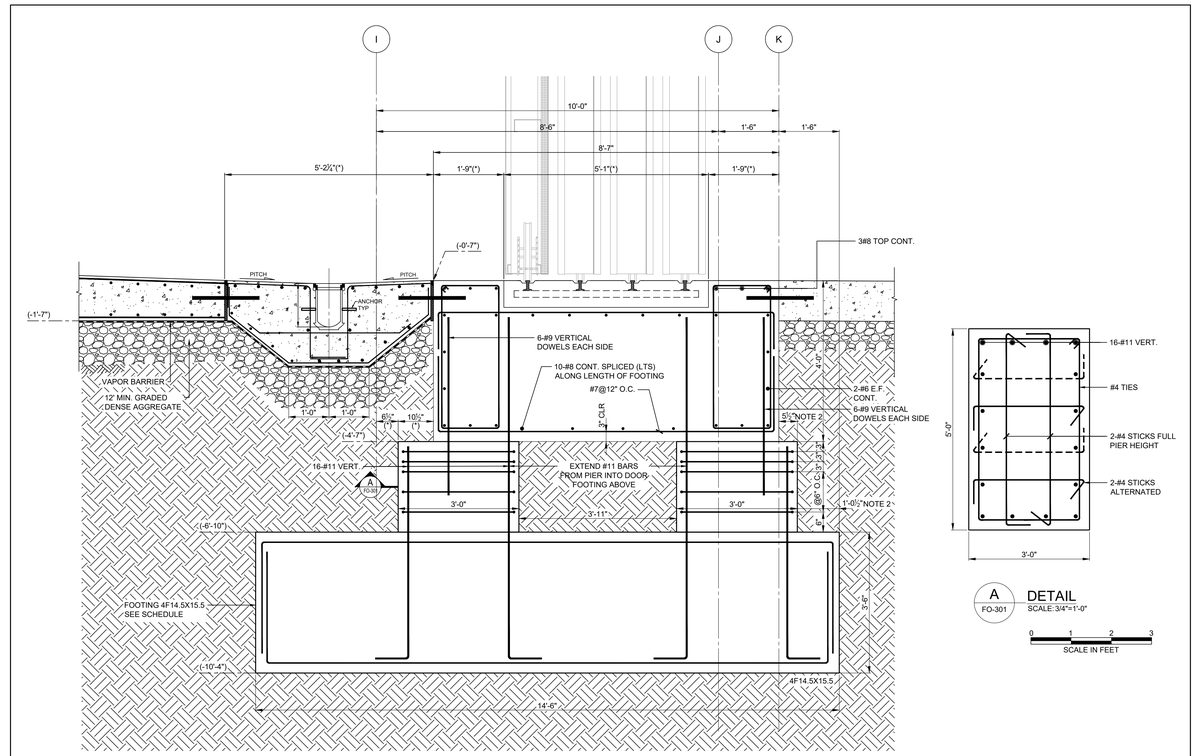


13 FO-301 SECTION - BEAM/SLAB AT EDGE - HANGAR
SCALE:3/4"=1'-0"

0 1 2 3
SCALE IN FEET

NOTES:

1. COORDINATE LAYOUT/DIMENSIONS/ELEVATIONS WITH ARCHITECTURAL DRAWINGS.



A FO-301 DETAIL
SCALE:3/4"=1'-0"

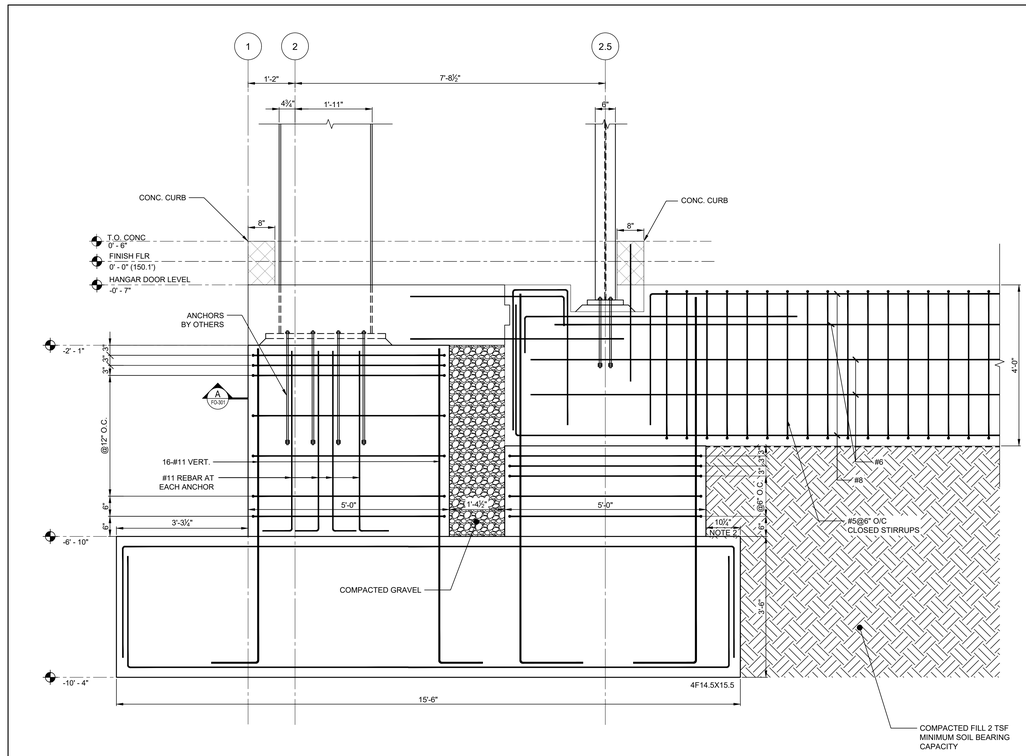
0 1 2 3
SCALE IN FEET

14 FO-301 SECTION THRU PIERS - BEAM/SLAB AT EDGE OF HANGAR
SCALE:3/4"=1'-0"

0 1 2 3
SCALE IN FEET

NOTES:

1. FOR ADDITIONAL INFORMATION SEE PLAN AND SECTION 3/FO300.
2. COORDINATE DIMENSIONS FOR LAYOUT OF PIER WITH STEEL COLUMN AND POST ABOVE.



15 FO-301 SECTION THRU PIERS - BEAM/SLAB AT EDGE OF HANGAR
SCALE:3/4"=1'-0"

0 1 2 3
SCALE IN FEET

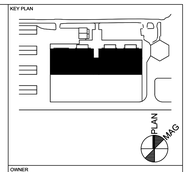
NOTES:

1. FOR ADDITIONAL INFORMATION SEE PLAN, SECTION 3/FO300 & 14/FO-301.
2. COORDINATE DIMENSIONS FOR LAYOUT OF PIER WITH STEEL COLUMN AND POST ABOVE.

LAST MODIFIED DATE:

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KEY PLAN



OWNER

Sky Harbour

ARCHITECT

Margulies Hoelzli *Architecture*
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NEW YORK, NY 10018
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570.342.3700

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HUDSON VALLEY REGIONAL AIRPORT NORTH SITE
263 NEW HACKENSACK ROAD
WAPPINGERS FALLS, NY 12590

DRAWING TITLE

FOUNDATION SECTIONS - SHEET 2

SEAL AND SIGNATURE

STATE OF NEW YORK — BRIAN C. BACON — No. 063671 — REGISTERED PROFESSIONAL ENGINEER

PROJECT NUMBER: 24061.00

SCALE: AS INDICATED

DATE:

DRAWING NUMBER

FO-301